



Government of Bengal

Annual Report of the  
Medical Schools in Bengal

For the Year  
1941-42

With a Review

*By*

Major-General W. C. Paton, M.C., M.A., Ch.B. (Edin.),  
F.R.C.S. (Edin.), K.H.P., L.M.S.,

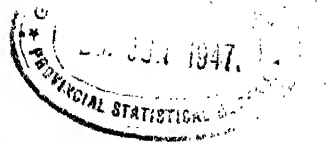
*Surgeon-General with the Government of Bengal*

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FROM MAJOR-GENERAL W. C. PATON, M.C., M.A., M.B., Ch.B., F.R.C.S.(E),  
K.H.P., I.M.S., *Surgeon-General with the Government of Bengal*,

TO THE SECRETARY TO THE GOVERNMENT OF BENGAL, DEPARTMENT OF PUBLIC HEALTH AND LOCAL SELF-GOVERNMENT.

*Calcutta, the 28th December 1943.*

SIR,

I have the honour to submit herewith the Annual Report of the following nine Medical Schools in Bengal for the session 1941-42 commencing July 1941:—

- (1) Campbell Medical School, Calcutta.
- (2) Dacca Medical School, Dacca.
- (3) Lytton Medical School, Mymensingh.
- (4) Ronaldshay Medical School, Burdwan.
- (5) Chittagong Medical School, Chittagong.
- (6) Jackson Medical School, Jalpaiguri.
- (7) Calcutta Medical School, Calcutta.
- (8) Sammilani Medical School, Bankura.
- (9) Jatiya Ayurvijnan Vidyalaya or the National Medical Institute, Calcutta.

The first six of these are State Institutions.

2. In all these schools training was imparted up to the standard of Licentiate Examination of the State Medical Faculty of Bengal. There were training classes for compounders also in all the Government Medical Schools with the exception of the Jackson Medical School, Jalpaiguri.

3. The number of students at the various medical schools at the beginning of the session, viz., in July 1941, as compared with that of the previous session is shown below:—

	1940-41.	1941-42.
Campbell Medical School	727	707
Dacca Medical School	453	399
Lytton Medical School	220	220
Ronaldshay Medical School	220	222
Chittagong Medical School	186	168
Jackson Medical School	132	146
Calcutta Medical School	416	456
Sammilani Medical School	247	246
National Medical Institute	380	377
Total	2,981	2,941

The total number of new admissions during the year under report was 659 including 89 Muslims as against 693 admissions including 120 Muslims during the previous year. The number of students who passed the Final Licentiate Examination of the State Medical Faculty of Bengal during the year under review was 337, as compared with 398 of the previous year.

4. During the year under report there was no post-graduate training either at the Campbell Medical School or at the Dacca Medical School, due to difficulties in sparing medical officers during the emergency.

5. The conduct and attendance of students of almost all the medical schools were generally satisfactory. Two students of the Jalpaiguri Medical School were expelled from the examination hall for adopting unfair means and have been debarred from the next two examinations of the Faculty.

6. The additional construction of the Lytton Medical School buildings which was begun during the previous year had to be postponed due to War emergency. Some improvement was effected in the buildings and equipments of the Bankura Sammilani Medical School at a total cost of Rs. 26,500 during the year under report and the construction of an up-to-date dissection hall at an estimated cost of Rs. 12,000 is now in progress.

7. The average cost per student per annum in the Government Medical Schools during the year under review was as follows:—

			Rs.
Campbell Medical School	...	...	500
Dacca Medical School	...	...	420
Lytton Medical School	...	...	169
Ronaldshay Medical School	...	...	184
Chittagong Medical School	...	...	279
Jackson Medical School	...	...	245

As in the previous years, the average cost per student was the highest in the Campbell Medical School. The Lytton Medical School, however, incurred the lowest average cost per student during the year under report. The average cost per student in the Chittagong Medical School which used to incur the lowest average cost per student rose from Rs. 170 during the previous year to Rs. 279 during the year under review owing to the increase of expenditures both in the school and attached hospitals and decrease in the number of students.

My thanks are due to the Superintendents and the teaching staff of the schools for the efficient management of the institutions in their respective charges throughout the year.

I have the honour to be,

SIR,

Your most obedient servant,

W. C. PATON,

MAJOR-GENERAL, I.M.S.,

*Surgeon-General with the Government of Bengal.*



# Annual Report of the Campbell Medical School for the year 1941-42.

## I.—Building and Accommodation.

No new building was constructed during the year under review. The usual repairs were carried out.

## II.—Teaching and Equipment.

**(A) Department of Chemistry and Physics.**—The Chemistry and Physics classes for the first year students were held in the Department of Physics and Chemistry, Medical College, Calcutta, and were taken by Mr. Suresh Chandra Mukherjee, M.Sc., Senior Demonstrator of the Department. He delivered the prescribed course of lectures and held the practical classes laid down under the existing rules of the State Medical Faculty.

Facilities for giving instruction in the subjects to the students of the school, under the revised regulations, are not obtainable in the College. In order, therefore, to meet the difficulty, a scheme for opening a Department of Chemistry and Physics in the school itself has been submitted for sanction to the Surgeon-General, Bengal, under this office letters Nos. 177 and 755, dated the 25th March 1935 and 19th September 1935, respectively.

**(B) Department of Anatomy.**—The Department was under the charge of Dr. L. K. Ghosh, M.B., Teacher of Anatomy, assisted by a staff of 5 demonstrators. The number of students on the roll during the period was 419 distributed as follows:—

1st year—

(a) Regular students	... 146
(b) November students	... 54

2nd year—

(a) Regular students	... 106
(b) November students	... 113

Total	... 419
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Apart from the prescribed course of lectures delivered by the teacher, 68 demonstrations mainly in Osteology were given to the students in course of the summer term (July to October) according to the following programme:—

- (1) One hundred and forty-six regular 1st year students were divided into 6 batches, 4 batches of 24 and 2 batches of 25.
- (2) Fifty-four November 1st year students were divided into 2 batches, each batch containing 25 and 29 students.
- (3) One hundred and six 2nd year students were divided into 4 batches, forming a batch of 27 students.
- (4) The November 2nd year students were distributed in 4 batches, 3 batches of 27 and one of 29.

These demonstration classes include demonstration of soft part (viscera, eye, brain, surface markings) besides demonstration in bones in case of detained November and plucked 2nd year students.

During the winter session, dissection classes were held daily from 11 a.m. to 3 p.m. from the end of October 1941 to the end of April 1942. The number of students who attended this session was 200 in the 1st year and 219 in the 2nd year class.

The total number of students was 419 and 53 dead bodies were dissected by them.

During February, March and April 1942 special demonstration classes were held for demonstrating brain, eye, viscera and surface markings.

Altogether 53 bodies were dissected by the students. On completion of dissection of a part, each student was examined on that part, and was allowed to take up a further part to dissect on his satisfying the examiner that he had performed the dissection thoroughly.

Tutorial classes were also taken during the session for a single batch of 22 students, for one hour daily, during the month of February and for five batches daily, during the months of March and April, when the dissections were over.

In addition to this the undermentioned work auxiliary to the work of teaching were also carried out.

(a) One hundred and seven bodies were injected with colour dyes of which 52 were used for dissection in the school, 9 for the operative surgery classes held in the school and 33 colour injected bodies were supplied to the State Medical Faculty for Anatomy and Surgery Examinations, one colour injected body was sent to Carmichael Medical College, Calcutta, and 4 colour injected dead bodies were sent to Controller of Examination of the Calcutta University and two bodies were macerated for bones. Nine formalin injected dead bodies were supplied to the Medical College, Calcutta.

(b) Bones articulated and non-articulated were supplied to the following institution:—

- (1) One skeleton was supplied to the Police Training College, Sardah.
- (2) Four disarticulated sets were supplied to students of Campbell Medical School.
- (3) One skeleton and a disarticulated set were supplied to Civil Surgeon, Hoshiarpur.
- (4) Two females pelvis and two foetal skull were supplied to the Principal, Medical College.
- (5) One disarticulated set was supplied to the Anatomy Department, Medical College.
- (6) Two skeletons were supplied to Hyderabad Residency.

*Requirements.*—The provision of a two-cabinet 18 body refrigerator, each cabinet consisting of three rows containing 3 removable trays in each row, is necessary for the preservation of dead bodies for dissection.

**(C) Department of Physiology.**—The department was under the charge of Dr. N. N. Mukherjee, M.B., assisted by a staff of three demonstrators. The number of students on the roll during the session was 331 of whom 130 were students of the first year and 201 of the second year classes. They were given the usual course of instruction prescribed by the Faculty Regulations by the teacher concerned, and a course of 29 demonstrations for 2nd year and 25 for 1st year practical classes were held as against 25 demonstrations only as required under the Faculty Rules. The students were divided into batches of 17 to 25 for the demonstration and practical classes which were attended by all the three demonstrators together. The duration of a class was one hour and those held for the first and second year students were taken separately. In the demonstration classes were exhibited under the microscope, histological specimens of the principal organs and tissues,

the structures of which were explained in a preliminary discourse by the demonstrators with the aid of drawings and sketches on the black board. For each class 25 microscopes were provided. A card bearing particulars of the important structures to be seen under the microscope was placed alongside of each to help the students in identifying and recommending the appearance seen. In addition, each student was required to draw, in a special exercise book, diagrams of typical specimens viewed under the microscope. In addition to the demonstration classes, ten practical classes, of one hour's duration each, were held during the session for instruction in methods of staining tissue section and blood films, estimation of sugar in urine and in use of the commoner clinical instruments, such as the Sphygmomanometer, Haemocytometer, Albuminometer, Coagulometer, Ureometer, etc. The department also carried out during the year 1,758 clinical examinations for the hospital as against 2,837 examinations carried out in the previous year.

**(D) Materia Medica and Pharmacy.**—(i) *For Licentiate students.*—The prescribed course of lecture was delivered to the students of the 1st and 2nd year classes by Dr. P. C. Chakravarti, Teacher of the subject. The number of students on the roll during the session was 400 of whom 200 were students of the first year and 200 of the second year classes.

Tutorial classes were held in batches separately for the first and second year students; there being 40 students of the first and 22 students of the second year in each batch. The classes were taken by the Teacher of the compounder students.

The practical pharmacy classes for the 2nd year students were held from July 1941 to February 1942. The students were divided into 8 batches of 25 students in each and the number of classes attended by each batch was about 17. The classes were taken by the Assistant Apothecary, Dr. Radhajibon Ghosh assisted the Assistant Apothecary materially in this, in which compounding and dispensing of mixtures, lotions, ointments, plasters, pills, and suppositories were taught.

(ii) *For Compounder students.*—The number of students on the roll was 69; 100 practical pharmacy classes, 50 demonstrations and 50 lectures in Materia Medica were held during the year by the teachers concerned.

**Requirements.**—There is no Department of Materia Medica for any special class room for holding the practical pharmacy classes in this school. The pharmacy classes were, therefore, held in the indoor dispensary though there is no suitable accommodation for holding the classes. In order to make good the deficiency a scheme for the establishment of a Department of Materia Medica has been forwarded under this office letter No. 755, dated the 19th September 1935.

**(E) Department of Pathology.**—(I) The department was under the charge of Dr. S. C. Chandra, B.Sc., M.B., Teacher of Pathology, assisted by a staff of 3 demonstrators throughout the year. The number of students on the roll during the session was 244. A course of 40 lectures on Pathology and Bacteriology was delivered by the teacher and a course of 25 demonstrations and practical classes were held for students in batches of 18 each. The number of post-mortem examination held during the year was 2 only, which were attended by 36 students. On account of the very small number of post-mortems available, the classes at each post-mortem were too large for proper instructions to be given in this important branch of Pathological work. The defect can only be remedied if the refrigerator, asked for the department of Anatomy, which would be also available for storage of bodies required for post-mortem examination, is sanctioned; enabling thereby bodies to be kept in a fresh condition necessary for proper post-mortem examination.

(II) Museum demonstrations were given to the students of the 4th year class by the teacher of the department.

(III) 10,690 laboratory examinations were carried out for the hospital during the year as against 18,237 in the year before. A statement of the laboratory work carried out during the year is given below:—

(a) Blood examinations	... 1,243
(b) Urine examinations	... 400
(c) Stool examinations	... 2,176
(d) Miscellaneous	... 871

**(F) The Department of Medicine.**—(A) (i) The prescribed course of 50 lectures was delivered during the summer term by Dr. J. C. Aitch, M.B., M.R.C.P. (Edin.), D.T.M. & H. (Lond.), the Teacher of Medicine.

(ii) Clinical demonstrations were given in the wards daily throughout the year by the teacher and the other two physicians in charge and also by the associate physicians.

Tutorial classes for students were taken in batches for one hour in the evening by the Resident Medical Officer attached to the wards. The writing up of case note and performance of clinical laboratory work were supervised by the Registrars and House Physicians respectively.

(B) In the wards the students were taught the methods of physical examination, laboratory examination, application of clinical instruments and interpretation of radiograms, required for arriving at the correct diagnosis and prognosis of a case. They were taught also the elements of practical therapeutics and the procedure to be observed in the following up a case.

**Requirement.**—The installation of an electrocardiograph is urgently necessary for investigation and diagnosis of the large number of heart cases treated in the hospital and also for instruction of students in this advanced method of investigation of cardiac disorders.

**(G) Hygiene (Preventive Medicine).**—The prescribed course of 20 lectures was delivered by Dr. B. C. Chatterjee, M.B., D.P.H., D.T.M., who found it necessary to supplement it by 5 more lectures. Models lent by the All-India Institute of Hygiene and Public Health were made use of by the lecturer for demonstration to the students. Eight practical field demonstrations were held and were attended by the students who appeared at the Final Examination, April 1942. The demonstrations were carried out by the teacher concerned and included visits to waterworks, disinfecting station vaccination depot, milk supply depot and installation for destruction of refuse by burning, etc.

**Training in Infectious Diseases.**—The students of the 3rd and 4th year classes were detailed, for the purpose, in batches; each batch being detailed for a period of one and half months. They were put in rotation to the cerebro-spinal fever, tetanus and cholera wards, and were also taken periodically to the small-pox wards. Here they were taught the technique of lumbar, cisternal and venticular punctures in cerebro-spinal fever and Roger's saline treatment of cholera. In the small-pox wards, epidemiology, infectivity, characters of rash, points of differentiation from other examinations, importances of personal prophylaxis and of vaccination against the diseases were taught. A three months' course of practical instructions in the management of infectious diseases was also held in the appropriate sections of the hospital for the students of the D.P.H. and D.M.C.W. classes from the All-India Institute of Hygiene.

**(H) Medical Jurisprudence (Forensic Medicine).**—The subject was taught by Khan Sahib Dr. K. Hossain, Teacher of Medical Jurisprudence. Besides the usual course of lectures, 353 medico-legal post-mortems were held during the year which the students had the opportunity of witnessing.

**(I) Children's Ward (Pediatrics).—**The department consisting of a ward of 20 beds was under the charge of Dr. S. C. Mitra, the Associate Physician. The total number of cases treated during the year was 324. Students of the 3rd year class, in batches of 10 to 15, were detailed for instructions for a month at a time in this ward. All varieties of cases including those specially to early childhood were treated in the ward and the students given systematic instructions in methods of examination care, feeding and treatment of infantile disorders. Special attention was paid to developmental and deficiency diseases, such as rickets, nutritional anæmia, endocrine disorders, etc.

**(J) Department of Surgery.—**The prescribed course of 50 lectures was delivered by the Teacher Dr. T. Acharji, M.B., during the year. Twenty practical classes in Operative Surgery were held by the Teacher of Clinical Surgery and tutorial classes by the Associate Surgeons and the Resident Medical Officers, clinical instructions were given in the Out-patients Department and in the wards. In the latter section the students were required to act as surgical dressers and also to attend all operations performed by the Surgeon-in-charge. Special instructions in ear, nose and throat diseases and in ophthalmic surgery were given by Dr. B. B. Ghosh, M.B., D.O.M.S., the Ophthalmic Surgeon. The Kirsch wire extension method of treatment of fractures was frequently made use of by the Surgeons, also surgical diathermy for operations wherever required.

**(K) Ophthalmic Surgery.—**There are 28 beds available for treatment of eye cases and the number of in-patients treated during the year was 424. All varieties of cases including severe conjunctivitis, special types of corneal ulcers, diseases of the lens and ciliary body, etc., were admitted for teaching purposes and treated. Besides clinical demonstrations were given on 6 days of the week, three of which were taken by the Honorary Ophthalmic Surgeon and the remaining three days by the Honorary Associate Surgeon. The cases of the wards were distributed amongst the students for examination and follow up of their treatment and progress. The student-in-charge of a case was required to help in the operation with the hammer lamp to illuminate the eye, so that he could see every step of the process well. During and after the operation the steps were explained to him as well as to the other students of the ward and the student concerned was required to write the operation notes. 21,471 eye cases were seen in the Out-patients Department during the year consisting of a wide variety of eye diseases, which the students had the opportunity of examining. Twenty lectures were delivered by the surgeon on diseases of the eye. Special stress was laid in those lectures which were illustrated by models, diagrams and specimens on the preventive aspect of blindness and spread of infection.

**Requirement.—**A technician to work the epidioscope is urgently required, a want for which the apparatus which is of great value in teaching cannot be properly brought into use.

**(L) Obstetrical and Gynaecological Section.—**The department was under the charge of Captain S. C. Bose, M.B., M.R.C.O.G., Teacher of Midwifery, Campbell Medical School. Fifty lectures on obstetrics and gynaecology were delivered by the teacher to the students of the 4th year class. The number of beds available in the section was 44, 22 obstetrical and 22 gynaecological which were always full. The students were detailed for duty in the wards in batches of 20 at a time for a period of three months and they were required to follow the cases from the time of admission to the date of discharge. In the bedside clinics special stress was laid on anti-natal hygiene. Mechanism of labours (normal and abnormal) uses and applications of commoner obstetrical instruments were demonstrated on the dummy regularly

to the students. They attended 1,258 labour cases and 922 operations during the year.

**(M) Out-patients Department.**—The department consists of a surgical section, a medical section, a separate section for women, a combined section for the diseases of the eye, ear, nose and throat, a vaccination section, a V.D. clinic, a casualty section and a dispensary. The building, however, is much too small for accommodating the existing departments and has no accommodation at all for opening a chest, and a skin department which are necessary. The difficulty can be got over, only by an entire new construction on a much more enlarged scale than the one at present in existence. A dental department has been opened this year.

**(N) V. D. Clinic.**—The students of the 4th year class were given instructions for a week at a time in batches of five. They were taught the pathology, methods of prophylaxis, diagnosis by laboratory methods and treatment of the diseases concerned.

The work of the department was carried out in the surgical section for want of separate accommodation, but there is no help as separate accommodation for the section was not available in the building.

### III.—Conduct and attainments of students.

The conduct of the students was on the whole satisfactory and their attendance in the classes and in the wards was good. The total number of students on the rolls at the beginning of the session was 550 as against 654 in the previous year. The details are shown in Table (A).

Generally speaking, the attainments of the students were not satisfactory, due to the minimum qualification for entrance to the school being the Matriculation Standard. Raising of the qualification from Matriculation to I.Sc. would enable the students to grasp the subject more thoroughly. The two years' study in the I.Sc. course would give them not only a better understanding of the English language but also of the science subjects as well, such as physics, chemistry and biology, which form an integral part of the medical curriculum.

### IV.—Admission.

One hundred and fifty-eight students were admitted to the Licentiate Class, as shown in table (C) of whom 2 were B.A. and 31 I.Sc.'s as against 3 B.A. and 30 I.A. or I.Sc.'s admitted the year before. Fifty-four students were admitted to the compounder class.

**Students' Union.**—The Students' Union is divided into the following sections:—

- (1) The Literary and Scientific Section and Students Benefit Section.
- (2) The Entertainment Section.
- (3) The Athletic Section.

The "Campbell Medical School Magazine" is published quarterly by the literary and scientific section. A series of lectures and clinical demonstrations are held on Saturdays as a routine measure.

The benefit fund section distributed Rs. 600 to poor students for the purchase of books, instruments and for paying the examination fees.

The entertainment section gave two dramatic performance during the Re-Union of the Campbell Medical School in January 1942.

Under the auspices of the Athletic section, the Campbell Medical School teams took part in various tournaments and they all acquitted themselves

well. The Campbell Medical School Team won the Elliot Shield and also became Second Division League Champion of the Bengal Hockey League. The swimming section of it is running very smoothly under the able guidance of the Captain the renowned swimmer Mr. Raju Ram Sahu.

Football and cricket sections are having very successful enterprise in local and outside tournaments as well. Besides this the athletic section is running all sorts of indoor games and well-equipped gymnasium.

**Hostel Accommodation.**—There is neither hostel accommodation nor any attached messes for the students of the Campbell Medical School. A plot of land to the south of the Campbell Hospital was acquired by Government as early as 1911 for the purpose of building a hostel for the students of Campbell Medical School but this plot of land is lying vacant ever since.

**First Aid Class.**—A course of instruction in first aid to the injured was given to the compounder students by the demonstrator of anatomy. Twenty-one students were trained. Sixteen students appeared at the examination conducted by Dr. Md. Khabir, M.B., Additional Teacher of Clinical Surgery and 16 passed.

**Post-graduate training class.**—No sub-assistant surgeons received post-graduate training during the year under report.

**Athletic Club.**—The club has been well maintained and the students took great interest in competitions and friendly games.

## V.—Finance.

The total receipt of the school other than from Government during the year under report was Rs. 67,509-12-9 and the total expenditure Rs. 1,43,071-9-3 as against Rs. 64,224, total expenditure Rs. 1,54,344-9, respectively, for the previous year.

The details of the receipts and expenditure for the last two years are given in Table (E).

The causes of increase or decreases of income and expenditure, in comparison with those of the previous year, are stated at the foot of Table (E).

The average primary cost per student educated was Rs. 500 per year.

## VI.—Establishment.

(1) Lt.-Col. B. G. Mallya, M.D., F.R.C.S., I.M.S., from 1st January 1941 to 15th May 1941.

(2) Dr. H. N. Bakshi, L.M.S., from 16th May 1941 to 31st July 1941.

(3) Major D. Ahmad, O.B.E., A.I.R.F., from 1st August 1941 to 25th May 1942.

The above three persons held charge of the Office of the Superintendent throughout the year.

Khan Sahib Dr. M. Hossain from 6th April 1941 to 31st August 1941.

Dr. A. Sen, M.B., from 4th September 1941 to 31st December 1941.

Khan Sahib Dr. K. Hossain from 1st September 1941 to 3rd September 1941.

Dr. M. Hossain from 4th September 1941 to March 1942.

The above four persons held charge of the Office of the Deputy Superintendent throughout the year.

**ANNEXURE I.**

*List showing the names of the staff with their academic qualifications and their duties in the Campbell Medical School, also whether whole-time, part-time or honorary.*

1. Lt.-Col. B. G. Mallya, M.B., F.R.C.S., I.M.S., Superintendent—Part-time Officer.
2. Dr. H. N. Bakshi, I.M.S., Superintendent—Part-time Officer.
3. Dr. D. Ahmad, O.B.E., A.I.R.O., Superintendent—Part-time Officer.
4. Dr. T. Acharji, M.B., Teacher of Surgery—Part-time Officer.
5. Dr. Md. Khabir, M.B., Teacher of Clinical Surgery—Part-time Officer.
6. Dr. Kumar Kanti Ghosh, M.B., Additional Teacher of Clinical Surgery—Part-time Officer.
7. Dr. B. B. Ghosh, M.B., D.O.M.S. (Lond.), Teacher of Ophthalmic Surgery (Honorary)—Part-time Officer.
8. Dr. J. C. Aich, M.B., M.R.C.P. (Edin.), D.T.M. & H. (Lond.), Teacher of Medicine—Part-time Officer.
9. Dr. S. C. Bose, M.B., M.R.C.O.G., Teacher of Midwifery—Part-time Officer.
10. Khan Sahib Dr. K. Hossain, M.B., D.T.M. (Cal.), Teacher of Medical Jurisprudence—Part-time Officer.
11. Dr. S. C. Chandra, M.B., Teacher of Pathology and in charge of the Pathological Department—Part-time Officer.
12. Dr. B. C. Chatterjee, M.B., D.T.M., D.P.H., Teacher of Hygiene (Honorary)—Part-time Officer.
13. Dr. N. N. Mukherjee, M.B., Teacher of Physiology and in charge of the Physiological Department—Part-time Officer.
14. Dr. L. K. Ghosh, M.B., Teacher of Anatomy and in charge of the Anatomy Department—Whole-time Officer.
15. Dr. P. C. Chakravarti, M.B., L.R.C.P. & M.R.C.S., Teacher of Materia Medica—Part-time Officer.
16. Mr. S. C. Mukherjee, M.Sc., Teacher of Chemistry and Physics—Part-time Officer.
17. Five Demonstrators, Anatomy Department—Whole-time Officer.
18. Three Demonstrators, Pathology Department—Whole-time Officer.
19. Three Demonstrators, Physiology Department—Whole-time Officer.
20. Dr. Nirmal Ch. Banerjee, Demonstrator of Materia Medica and Teacher, Junior Compounder Class—Whole-time Officer.

**Students on 1st July 1941.**

- (1) Sex of students—Male 485; Female 65; Total 550.
- (2) Maximum number of new admissions annually—150.
- (3) Age limits, high and low for students on admission—No high age-limit. Must be over 15 years.
- (4) Standard of general education required on admission to the school—Matriculation or its equivalent in the minimum standard.



**Examinations.**

(1) Name of examiners at each of the examination and (2) by whom appointed and for how long at a time—Examiners are appointed by the Governing Body of the State Medical Faculty of Bengal every year.

(3) Percentage of marks required at each examination to obtain a pass—40 per cent.

(4) Proportion of students who take all the subjects at the Final Examination—70·7 per cent.

**Financial.**

(1) Cost to Government or to the body responsible for the school per student per annum in the school—Rs. 600.

(2) What percentage of students are paid for by—

(a) Government—13·71 per cent.

(b) Local bodies or other agencies—3·42 per cent.

(c) Privately by their guardians—82·87 per cent.

J. C. AICH, M.B. (Cal.),

M.B.C.P. (Edin.), D.T.M. & H. (Lond.),

*Superintendent, Campbell Medical School.*

TABLE A.

Statement showing the attendance of students of the Campbell Medical School, Calcutta, during the year 1941-42 and the previous year.

Sessions.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	Remained on the roll from the previous year.	Admitted during the year.	Re-admitted during the year.	Admitted on transfer from other medical schools.	Total.	Left School having passed the final I. M. F. examination.	Removed for absence without leave.	Removed for non-payment of school fees.	Removed for failure at the school test examination.	Reinstated for misconduct.	Transfer to other medical schools.	Resigned or left otherwise.	Died.	Total.	Remained at the end of the year.	Average monthly number of pupils.	Average daily attendance.
1940-41.																	
Male	489	151	9	5	654	94	..	46	7	..	..	20	2	169	485	587.00	476.27
Female	56	17	..	..	73	6	..	..	..	..	..	2	..	8	65	65.84	54.39
1941-42.																	
Male	485	132	9	5	634	74	23	44	9	1	2	19	..	177	454	480.30	447.78
Female	65	12	..	..	77	14	..	6	..	..	2	2	..	24	53	53.78	52.27

TABLE B.

Classification of students according to religion and nationality taught in and passed out of the Campbell Medical School during the year 1941-42.

Classification.	Total number of students taught during the year, i.e., the number remaining from the previous year and the number admitted during the year.		Number passed out during the year in Final Licentiate Examination of the State Medical Faculty.	
	Male.	Female.	Male.	Female.
<i>Religion.</i>				
1. Anglo-Indian Christian	..	..	..	..
2. Indian Christian ..	..	3	..	3
3. Hindus—				
Brahmin ..	100	11	19	2
Non-Brahmin ..	265	49	45	7
4. Muhammadans ..	128	8	8	2
5. Others ..	..	..	..	..
	493	17	72	14
<i>Nationality.</i>				
1. Anglo-Indians ..	..	..	..	..
2. Bengalis ..	492	71	72	11
3. Assamese ..	..	..	..	3
4. Nepali, Sikkimese, Tibetans, Bhutans.	1	..	..	..
	493	71	72	14

TABLE C.

Classification according to preliminary general education of the students during the year 1941-42 and the previous year of the Campbell Medical School, Calcutta.

Classification.	Hindus.		Muslims.		Christians.		Others.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1	2	3	4	5	6	7	8	9
B.A. and B.Sc.—								
1940-41 ..	2	..	..	..	..	..	..	..
1941-42 ..	2	..	..	..	..	..	..	..
I.A. or I.Sc.—								
1940-41 ..	29	1	1	..	..	..	..	..
1941-42 ..	26	..	1	1	..	..	2	..
Matriculation—								
1940-41 ..	78	11	50	2	1	3	..	..
1941-42 ..	87	10	26	..	..	2	..	..
Others—								
1940-41 ..	..	..	..	..	1	..	3	..
1941-42 ..	1	..	..	..	..	..	..	..

TABLE D(a).

Statement showing the results of the Compoundership Examination of the Campbell Medical School, Calcutta, during the year 1941-42 and the previous year.

Session.	Remaining from the previous year.	Number of students admitted during the year.	Total number of students under training.	Number of students remarked.	Number appeared at the examination in—		Number passed in—	
					September 1941.	March 1942.	September 1941.	March 1942.
Regular students—								
1940-41 ..	15	69	120	24	14	39	11	31
1941-42 ..	54	49	103	19	47	18	30	71

13

1

male.

TABLE E.

Statement showing the Income and Expenditure of the Campbell Medical School, Calcutta, during the year 1941-42 and the previous year.

Heads of receipts.	Income.				Heads of expenditure.	Expenditure.			
	1940-41.	Rs. a. p.	1941-42.	Rs. a. p.		Increase.	Decrease.		
Receipts from other sources than Government.	..	..	..	..	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
School fees	58,356 0 0	62,166 0 0	3,810 0 0	..	..	1,11,683 0 0	1,01,790 0 0	9,893 0 0 (d)	
Fines	243 0 0	442 8 0	199 8 0	..	..	21,522 0 0	20,715 0 0	807 0 0 (e)	
Entrance fees	1,387 0 0	1,091 0 0	..	296 0 0 (a)	..	4,995 9 0	7,673 4 0	2,677 11 0	
Miscellaneous	1,206 0 0	1,154 1 9	..	15 14 3	..	98 2 6	80 0 0	18 2 6	
Mohsin Fund	1,440 0 0	1,152 0 0	..	288 0 0 (b)	..	376 0 0	394 6 0	18 6 0	
Income from investment of Maharaja Scindia Bahadur of Gwalior Trust Fund for prizes.	7 0 0	7 0 0	..	..	..	3,824 2 0	4,095 9 0	271 7 0	
	..	..	..	..	..	6,031 0 0	2,921 0 0	3,110 0 0 (f)	
	..	..	..	..	..	620 0 0	667 0 0	47 0 0	
	..	..	..	..	..	2,106 8 0	2,052 11 8	53 13 9 (g)	
	..	..	..	..	..	63 4 0	33 9 0	29 11 0	
Grants of Dufferin Fund (Bengal Branch) and Walter Thompson's Female Scholarships Fund).	385 0 0	425 13 0	40 13 0	..	..	1,440 0 0	1,152 0 0	288 0 0 (h)	

Assam Female Scholar- ships.	1,200 0 0	1,071 6 0	..	128 11 0 (c)	Countess of Dufferin Fund (General Franch) and Walter Thompson Female Scholarships).	385 0 0	425 13 0	40 13 0	..
					Assam Government Female Scholarship.	1,200 0 0	1,071 6 0	..	128 10 0 (f)
<b>Total</b>	64,224 0 0	67,519 12 9	4,050 5 0	764 8 3	Total	1,54,344 9 6	1,43,071 9 3	3,055 5 0	14,328 5 3
<b>Receipt from Govern- ment</b>	90,120 9 6	75,561 12 6	..	14,558 13 0		..	..	....	..
<b>Total income</b>	1,54,344 9 6	1,43,071 9 3	..	11,273 0 3	Total expenditure	1,54,344 9 6	1,43,071 9 3	..	11,273 0 3

(a) Decrease due to less number of students admitted.

(b) Decrease due to less allotment of grant.

(c) Decrease due to less number of Assamese students.

(d) Decrease due to less pay drawn by the teachers and demonstrators.

(e) Decrease due to less scholarship drawn and paid to the students.

(f) Decrease due to less expenditure on the head.

(g) Decrease due to less expenditure on the head.

(h) Decrease due to less scholarship drawn and paid to the students.

(i) Decrease due to less scholarship drawn for less number of Assamese students.

J. C. AICH, M.B. (Cal.), M.R.C.P. (Edin.),

D.T.M. &amp; H. (Lond.),

Superintendent, Campbell Medical School.

# Annual Report of the Dacca Medical School for the year 1941-42.

## I.—Buildings and accommodation.

Certain improvements in the tin-shed (used as students' common room) are essentially necessary to make it suitable for use as students' common room and examination hall for State Medical Faculty Examination whenever necessary.

## II.—Teaching equipment.

**Chemistry and Physics.**—Dacca University continues to teach Chemistry and Physics as previously. The results have shown improvement. Teachers should have a chance of becoming examiners in the Faculty Examination so that they may have a better idea of the standard. The suggestion for transfer of the teaching from the Dacca University to Jagannath Intermediate College is still to be considered.

**Anatomy.**—The supply of dead bodies during the year under report was up to the requirement. The standard of efficiency was fully maintained and the staff worked in full co-operation and to the best interests of the students. Owing to the disorder in the mortuary cooler from time to time there has been wastage of electricity and excess use of ice. The necessity of a whole-time mechanic who will also look after the frigidaire maintained in the Pathology Department as well as the epidiascope meant for lecture classes is still present.

**Physiology.**—The teaching of the subject was carried on under favourable circumstances and the staff worked in full co-operation and to the best interest of the institution.

**Materia Medica.**—Owing to the changes in the teaching staff (demonstrating) the progress in the subject was to a certain extent hampered which had to be compensated for by special classes. In this connection it may be noticed that unless a teacher or a demonstrator is allowed to stay on for a pretty long time in a teaching appointment the students cannot derive the full benefit of his teaching experience acquired during the incumbency in the past.

**Pathology.**—Owing to the absence of the Teacher of Pathology during the major portion of the year under report teaching was carried out by the senior demonstrator of pathology Dr. Khagendra Nath Bose, in addition to his own duties. The teaching in the subject both theoretical and practical was carried on quite satisfactorily. Materials available for pathological and bacteriological examination were up to the requirement as far as the teaching is concerned. The specimens in the pathology museum are all old and useless for teaching purposes. Attempts have been made to obtain new specimens from Medical College, Calcutta, but so far they have failed.

**Hospital practice.**—The Mitford Hospital is a good training ground for future doctors. The number and variety of clinical material that was available was sufficient. During the major part of the year under report there was a dearth of varieties of cases from mufassil area owing to the prevalence of riot situation in the city. The students however had ample



opportunity of attending all varieties of surgical cases for which special arrangements were made. Special arrangement for training in skin and venereal diseases is an urgent necessity to which the attention of Government is particularly drawn.

### III.—Attendance of students.

The attendance of students at lectures and practical classes was satisfactory but their attendance in the hospital was hampered to a certain extent by the prevalence of riots in the town. Extra classes had to be given to make up for this.

Sixty-nine male and 6 female students were admitted during the year under report. There was no improvement in the number and quality of students admitted over the last year. This was partly due to the prevalence of riot situation in the city.

**Compounders.**—Efficient teaching of the compounder students cannot possibly be given under the present conditions as both the teacher as well as the qualified compounders in charge are over-worked and cannot devote sufficient time to teaching apprentice compounders. Improvement in the present arrangement is an urgent necessity in the interest of the students.

In spite of the fact stated above the result of compoundership examination was on the whole satisfactory during the year under report.

**Dhai Class.**—The dhai class has been carried on as usual. The raising of the standard to make the students eligible to appear in the Faculty Examination will make the class more useful.

**Conduct and education.**—Conduct and education of the students was on the whole satisfactory. The general educational qualification of the students admitted was worse than last year.

### IV.—Conduct and Examination.

Details are furnished in Table D(b). The results were on the whole satisfactory. The results would have been better but for the fact that the students could not utilise the time fully and to the best advantage owing to the riots.

### V.—Finance.

Details are furnished in Table "E". The total receipts from other sources than Government was Rs. 33,037-13 and total expenditure was Rs. 74,714-11 against Rs. 39,880 and Rs. 89,620, respectively, of the previous year.

The average primary cost per student educated was Rs. 420 against Rs. 414 of the previous year.

### General.

Three district board doctors received post-graduate training during the year under report.

The Hon'ble the Minister-in-charge of the department visited the school and took very sympathetic view of the suggestions made for the improvement of the institution particularly in respect of the library which is very badly in need of improvement.

**Hostel.**—The lady students' hostel was run satisfactorily during the year.

Regarding male students, they make their own arrangements for board and lodging and as they are not under any Government control they are continually getting into trouble for non-payment of rent, etc. Fights and disputes regarding the payment of seat rent and diet charges have to be settled by the school authorities times without number. This is especially difficult as the school authorities have really no right to interfere. The necessity for Government controlled hostels for male medical students is one of the most pressing necessities.

**Sports.**—Both the staff and the students took interest in the efficient management of the club. The Honorary Secretary Dr. Abdul Karim was ungrudging in his labour for improvement of the club in different aspects.

**General.**—The staff worked in co-operation and quite satisfactorily. They made every effort to raise the standard of teaching in the school.

Dr. Nasimuddin Sarker, Teacher of Medical Jurisprudence and Dr. A. Karim, Teacher of Physiology, who acted as Deputy Superintendent in addition to their own duties during the year under report carried out their duties quite satisfactorily. Dr. Altafuddin Ahmed, M.B., B.T.M., the permanent Deputy Superintendent also did his duties satisfactorily specially in the matter of maintaining discipline.

G. B. W. FISHER, MAJOR, I.M.S.,  
*Superintendent, Dacca Medical School.*

TABLE A.

Statement showing the students of the Dacca Medical School during the year 1941-42 and the previous year.

Session.	Left, died, etc., during the year.											Admitted during the year.		Re-admitted during the year.	Admitted on transfer from other medical schools.	Total.	Left School having passed the final L. M. F. Examination.	Removed for absence without leave.	Removed for non-payment of School fees.	Removed for failure at the School test examination.	Rusulted for misconduct.	Transfer to other medical schools.	Resigned or left otherwise.	Died.	Total.	Remained at the end of the year.	Average monthly number of pupils.	Average daily attendance.	
	1	2	3	4	5	6	7	8	9	10	11	12	13																14
1940-41.																													
Male	..	332	90	8	..	430	59	10	18	16	1	1	31	3	139	291	334.8	241											
Female	..	21	2	..	..	23	2	..	..	1	..	..	..	..	3	20	21.8	17											
1941-42.																													
Male	..	291	69	12	..	372	32	8	15	12	3	1	20	1	92	280	307.58	224.5											
Female	..	20	6	1	..	27	6	1	..	1	..	1	4	..	13	14	20.16	11.4											

TABLE-B.

Classification of students according to religion and nationality taught in and passed out during the year 1941-42 from the Dacca Medical School.

Classification.	Total number of students taught during the year, i.e., the number remaining from the previous year and the number admitted during the year.		Number passed out during the year in Final Licentiate Examination of the State Medical Faculty.	
	Male.	Female.	Male.	Female.
<i>Religion.</i>				
1. Anglo-Indian ..	..	2	..	..
2. Indian Christian ..	..	3	..	1
3. Brahmins ..	60	6	3	2
4. Non-Brahmins ..	235	13	23	3
5. Muhammadans ..	77	1	6	..
6. Buddhist ..	..	2*	..	..
Total ..	372	27	32	6
<i>Nationality.</i>				
1. Anglo-Indian ..	..	2	..	..
2. Bengali ..	367	(a) 24	32	6
3. Assamese ..	5	1	..	..

\*From Manipur State.

(a) This includes 2 from Manipur State.

**TABLE C.**

**Classification according to preliminary general education of the students during the year 1941-42 and the previous year in the Dacca Medical School.**

[illegible]**TABLE D(a).**

**Statement showing the results of the Compoundership Examination held at the  
Dacca Medical School during the year 1941-42 and the previous year.**

[illegible]

TABLE D (b).

Statement showing the results of the State Medical Faculty of Bengal during the year 1941-42 and the previous year.

Sessions.	Final Licentiate examination.						Intermediate Licentiate examination.						Primary Licentiate examination.					
	No. appeared.		No. passed.		Percentage.		No. appeared.		No. passed.		Percentage.		No. appeared.		No. passed.		Percentage.	
	May examination.	November examination.	May examination.	November examination.	May examination.	November examination.	May examination.	November examination.	May examination.	November examination.	May examination.	November examination.	May examination.	November examination.	May examination.	November examination.	May examination.	November examination.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1940-41.																		
Male ..	45	58	23	36	56	62	54	47	21	33	38.8	70	63	43	40	39	60.6	91
Female ..	3	2	1	1	33.3	50	7	5	1	2	25	40	1	2	1	2	100	100
1941-42.																		
Male ..	47	42	18	14	38.2	33.3	84	61	36	25	42.8	40.9	55	17	50	9	90.9	59.9
Female ..	5	2	5	1	100	50	5	6	3	1	60	16.6	4	..	3	..	75	..

## Names and designation, etc., of the staff of the Dacca Medical School.

No.	Names.	Duties in the—		Remarks.
		School.	Hospital.	
1	Major G. B. W. Fisher, I.M.S., F.R.C.S. <i>Teachers' (Assistant Surgeons).</i>	Superintendent ..	Superintendent ..	He was relieved temporarily for a short period by Dr. E. Brown, I.M.D., F.R.C.S.
2	Dr. Dharendra Nath Mitra, M.B., M.B.C.O.G. (London).	Teacher of Mid-wifery.	Gynaecologist and Teacher in Charge, Gynaecological Ward.	He held temporary charge of the Superintendent from time to time.
3	Dr. Nitya Ranjan Gupta, M.B., D.T.M. & H. (Lond.), M.R.C.P. (Cantab.), etc.	Teacher of Medicine	First Physician and Teacher in Charge, 1st Medl. Ward.	He was relieved by Dr. Nawab Ali, M.B., D.T.M., to join the post of Civil Surgeon, Bogra.
4	Dr. Ramesh Chandra Chakrabarty, M.B.	Teacher of Surgery	Surgeon and Teacher-in Charge, Surgical Ward.	....
5	Dr. Anwar Ali, M.B., D.T.M.	Teacher of Pathology.	Nil ..	He made over charge of his duties to the Senior Demonstrator of Pathology Dr. Khagendra Nath Bose to join the post of Assistant Professor of Pathology, Medical College, Calcutta.
6	Dr. Nasimuddin Sarkar M.B., D.T.M.	Teacher of Medical Juris. prudence.	Teacher-in-Charge, Surgical O. P. Department.	He held additional charge of the Teacher of Materia Medica and Deputy Superintendent. He was succeeded by Dr. Bandie Ali Ahmed.
7	Dr. Ali Nawab, M.B., D.T.M.	Teacher of Hygiene	Nil ..	The subject previously taught by the Teacher of Jurisprudence has since been bifurcated.
8	Dr. Pashupati Bose, M.B., D.T.M.	Teacher of Surgery	Nil ..	He was relieved by the Senior Demonstrator of Anatomy to join X-ray Training in Medical College.
9	Dr. Abdul Karim, M.B. ..	Teacher of Physiology.	Nil ..	He held additional charge of the Teacher of Materia Medica and Deputy Superintendent, Dacca Medical School.
10	Dr. Altafuddin Ahmed, M.B., D.T.M.	Teacher of Materia Medica.	Teacher-in Charge, 2nd Medical Ward.	He took over charge of his duties as Teacher and Deputy Superintendent from Dr. Abdul Karim.

## Names and designation, etc., of the teaching staff of the Dacca Medical School.

<i>Demonstrators, (Sub-Assistant Surgeons).</i>				
1	Dr. Naresh Chandra Palit, L.M.F.	Teacher of Compounds.	Apothecary ..	....
2	Dr. Khagendra Nath Bose, L.M.F.	Senior Demonstrator of Pathology.	Clinical Pathologist.	He did additional duty of the Teacher of Pathology from September 1941. He is still holding the charge.
3	Dr. Md. Shahabullah Khan, L.M.F., I.T.M.	Junior Demonstrator of Pathology.	Ditto ..	He was relieved by Dr. A. T. M. Rafiqul Haque on 15th December 1941.
4	Dr. Md. Faique Khan, L.M.F.	Senior Demonstrator of Physiology.	Nil ..	....
5	Dr. Ahmed Sobhan, L.M.F.	Junior Demonstrator of Physiology.	Nil ..	....
6	Dr. Zeauddin Ahmad, L.M.F.	Senior Demonstrator of Anatomy.	Nil ..	He held additional charge of the Teacher of Anatomy.
7	Dr. Khadem Hossain, L.M.F.	Demonstrator of Anatomy.	Nil ..	He subsequently resigned the post.
8	Dr. Pramatha Nath Dass, L.M.F.	Ditto ..	Nil ..	He joined the post on 5th August 1941.
9	Dr. Abdul Manman, L.M.F.	Ditto ..	Nil ..	....
10	Dr. Nandalal Banerji, L.M.F.	Ditto ..	Nil ..	....
11	Dr. A. Y. M. Abdullab, L.M.F.	Demonstrator of Materia Medica.	Nil ..	He was relieved by Dr. Bidhu Pr. Doy.

1. All are whole-time officers.
2. Minor changes have not been noted.

TABLE E.

Statement showing the income and expenditure of the Dacca Medical School during the year 1941-42 and the previous year.

Head of receipts.	1940-41.		1941-42.		Increase.		Decrease.		1940-41.		1941-42.		Increase.		Decrease.	
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1. School fee ..	33,517 8 0	29,512 8 0	..	..	6,005 0 0	1. Establishment ..	..	..	67,423 10 0	50,858 6 8	..	..	16,365 3 4	..	..	..
2. Fines ..	957 12 0	522 12 0	..	..	435 0 0	2. Scholarships ..	..	..	9,798 0 0	9,951 12 0	153 12 0	..	..	..	..	..
3. Entrance fee ..	726 0 0	555 0 0	..	..	171 0 0	3. Scholarship from Mohsin Fund.	..	..	1,056 0 0	720 0 0	..	..	..	..	..	..
4. Compounder Class fee.	1,948 0 0	975 0 0	..	..	973 0 0	4. Contingencies ..	..	..	8,869 0 0	9,958 11 3	1,089 11 3	..	..	..	..	..
5. Miscellaneous ..	722 12 0	183 6 9	..	..	539 5 9	5. Book allowances ..	..	..	118 1 6	99 11 9	..	..	..	..	..	..
6. Mohsin Fund ..	1,056 0 0	720 0 0	..	..	336 0 0	6. Prizes ..	..	..	234 0 0	234 0 0	..	..	..	..	..	..
7. Recovery of over-payments.	8 0 0	559 2 0	..	..	..	7. Taxes ..	..	..	868 8 0	1,279 8 0	411 0 0	..	..	..	..	..
			..	..	..	8. Medicines and instruments.	..	..	1,253 2 0	1,612 8 6	359 6 0	..	..	..	..	..
Total ..	40,936 0 0 48,684 5 6	33,037 12 9 41,676 13 5	..	..	8,449 5 9 ..	Total ..	..	..	89,620 5 6	74,714 10 2	1,077 14 0	..	..	..	..	..

G. B. W. FISHER, MAJOR, I.M.S.,  
*Superintendent, Dacca Medical School.*

Dacca.

The 2nd November 1942.



# Annual Report of the Lytton Medical School, Mymensingh for the year 1941-42.

## I.—Buildings and accommodations.

The following additional construction of the school buildings had been taken up by the Communications and Works Department. It was expected that the construction work would be completed by February 1942, but due to War emergency, the work has since been postponed.

1. A second lecture theatre.
2. Anatomical museum.
3. Anatomy demonstration room.
4. Pathology museum.
5. Cooling room for dead bodies.
6. Materia Medica Demonstration Room.
7. Teachers' common room.
8. Reading room.

## II.—Teaching and equipment.

**Chemistry and Physics.**—These subjects were taught in the local A. M. College according to the syllabus.

**Anatomy.**—The required number of lectures and demonstrations were given and tutorial classes were taken. Sufficient dead bodies were available from the S. K. Hospital for dissection and demonstration and we could afford to give one body to 10 students. Government has been approached for means of cooling dead bodies. A number of preserved specimens were added to the museum and some more wall diagrams were secured.

**Physiology.**—The adequate number of lectures and demonstrations were given. There are 14 microscopes available for the use of the students. Proper arrangements have been made for display of diagrams to the students. Demonstration rooms are being reconstructed.

A separate bio-chemical laboratory has been started, to give the students better facilities to learn practical portion of bio-chemistry and to examine clinical materials from the hospital.

The following bio-chemical examinations were done during the year under report:—

(1) Blood sugar estimation	...	50
(2) Gastric test meal analysis	...	40

**Pathology.**—The department did all the clinical work of the S. K. Hospital and a total of 4,010 laboratory examinations compared to 2,850 in 1940-41 were done during the year and shown to the students. The prescribed number of lectures and demonstrations were given. Eleven Pathological post-mortems were shown to the students.

The following clinical specimens were examined during the year under report:—

**Blood—**

Culture	...	30
Count	...	1,000
Sugar estimation	...	25
Widal test	...	100
Wasserman re-action	...	10
Kahn test	...	100
Aldehyde, antimony tests	...	145

**Stool—**

Ordinary examination	...	450
Culture	...	50
Bio-chemical tests	...	20

**Urine—**

Ordinary examination	...	1,508
Culture	...	50

**Sputum—**

Ordinary examination	...	150
Culture	...	32

**Cerebrospinal Fluid—**

Count, Culture and W.R.	...	40
-------------------------	-----	----

**Serous Fluid—**

Culture and microscopic examination	...	25
-------------------------------------	-----	----

**Pus—**

Culture and microscopic examination	...	40
Autovaccine	...	50

**Throat swab—**

Culture	...	40
---------	-----	----

**Vaginal swab—**

Culture and microscopical examination	...	30
---------------------------------------	-----	----

**Prostatic and urethral smear—**

Microscopic examination	...	40
-------------------------	-----	----

**Skin lesions—**

Microscopic examinations	...	25
Microsection	...	50

**Total** ... 4,010

Some more pathological specimens were added to the museum. Some more diagrams were prepared for the purpose of teaching. There are 14 microscopes for use of the students in the department; of these 6 have 1/12 oil immersion objectives.

**Materia Medica.**—Some more specimens of drugs were obtained for this department, for the practical pharmacy class during the year. Lectures and demonstrations as prescribed in the syllabus were held.

**Medicine.**—More diagrams were secured for this department. The 3rd and 4th year students received clinical teaching at the S. K. Hospital in addition to the prescribed number of lectures. All interesting cases were demonstrated by the teacher and clinical materials examined and shown to the students in the hospital laboratory. Lectures on leprosy were given by an officer deputed by British Empire Leprosy Relief Association.

**Surgery.**—In addition to the prescribed number of lectures, the senior students received clinical instructions in the wards and were allowed to help the surgeon at the operation. Students were instructed in the special subjects, such as ophthalmology, ear, nose, throat, venereal diseases, X-ray diagrams were shown to the students and demonstrations given on pathological specimens of surgical interest.

Four bodies were used for Operative Surgery.

**Midwifery and Gynaecology.**—Prescribed number of lectures were given by the teacher. There was enough clinical material in the hospital for efficient teaching of these subjects.

An ante-natal clinic was established in the S. K. Hospital and the students were given instruction in this. The number of confinement cases were:—

1939-40	... 210
1940-41	... 230
1941-42	... 330

**Medical Jurisprudence and Hygiene.**—Third and 4th year students attended medico-legal post-mortems. Ninety-six medico-legal post-mortems were done during the year and were shown to the students. The required number of lectures was delivered in medical jurisprudence. The required number of lectures in hygiene was given. There were five practical demonstration classes in rural hygiene. The students were taken to the trenching ground, waterworks and septic tanks and to the outside places for training in village sanitation and practical instructions.

**Tutorial Classes.**—Tutorial classes in all subjects were held throughout the year in the school and in the hospital.

**Compounders and Dressers' Classes.**—The usual lectures and demonstrations and practical classes were held by the teacher of compounder class. Sixteen students were admitted into the compounders' class during the year of which 14 were admitted in the dressers' class as well.

### III.—Conduct and attendance of students.

The conduct of the students was satisfactory. The detail of attendance of students are given in Table "A".

### IV.—Examination.

The results of the examinations were satisfactory both for the L.M.F. and the compounders' course. Statement is attached in Table "D(a)" and Table "(b)". One student stood first in surgery in Final L.M.F. Examination, held in May 1942 and his place was 4th in the Faculty taking all subjects together.

### V.—Finance.

Details are furnished in Table "E". Average primary cost per student was Rs. 169 as against Rs. 203 last year.

The receipt of the school from other sources than Government was Rs. 22,192 as against Rs. 19,943 last year and the total expenditure was Rs. 52,859 as against Rs. 50,799 last year.

## VI.—Changes in the establishment.

Dr. Prafulla Ranjan Das Gupta was Superintendent up to 15th June 1942 and Dr. Satish Chandra Mukherjee has been working as Superintendent since 16th June 1942.

Sub-Assistant Surgeon Dr. Md. Abdul Jabber, Demonstrator of Anatomy, up to 30th September 1941.

Sub-Assistant Surgeon Dr. Golam Rabbani, Demonstrator of Anatomy, up to 25th December 1941.

Sub-Assistant Surgeon Dr. Gourhari Biswas, Demonstrator of Physiology, up to 29th May 1942.

Assistant Surgeon Dr. Sukumar Bhattacharjee, Teacher of Physiology and Deputy Superintendent, from 18th December 1941 to 26th June 1942.

## VII.—Staff of the school.

### Superintendent—

Dr. Prafulla Ranjan Das Gupta up to 15th June 1942.

Dr. Satish Chandra Mukherjee from 16th June 1942.

### Deputy Superintendent—

Dr. Md. Lutfar Rahman, M.B., Teacher of Physiology up to 11th October 1941.

Dr. Sudhendu Kumar Ganguli, M.B., from 12th October 1941 to 17th December 1941 and Dr. Sukumar Bhattacharjee from 18th December 1941 to 26th June 1942.

Dr. Sudhendu Kumar Ganguli, M.B., from 27th June 1942.

### Teachers—

Dr. Satish Chandra Mukherjee, M.B., Assistant Surgeon, Teacher of Midwifery and Gynaecology (whole-time).

Dr. Amalananda Das, M.B., M.R.C.P. (Lond.), Assistant Surgeon, Teacher of Medicine, (whole-time).

Dr. Surendra Mohan Lahiri, B.Sc., M.B., Assistant Surgeon, Teacher of Medical Jurisprudence (Assistant Surgeon, Sadar Hospital, Mymensingh) (whole-time) up to 11th May 1942.

Dr. Satish Chandra Mukherjee, Assistant Surgeon, Teacher of Medical Jurisprudence, from 12th May 1942.

Dr. Sudhansu Mohan Ghosh, M.B., Assistant Surgeon, Teacher of Surgery (whole-time).

Dr. Sudhendu Kumar Ganguli, M.B., Assistant Surgeon, Teacher of Pathology (whole-time).

Dr. Prafulla Kumar Das Gupta, M.B., Teacher of Hygiene (part-time).

Dr. Md. Lutfar Rahman, M.B., Assistant Surgeon, Teacher of Physiology and Deputy Superintendent up to 10th October 1941.

Dr. Sukumar Bhattacharjee, M.Sc., M.B., Assistant Surgeon, Teacher of Physiology and Deputy Superintendent from 18th December 1941 to 26th June 1942.

Dr. Sudhendu Kumar Ganguli, M.B., Assistant Surgeon, Teacher of Physiology and Deputy Superintendent from 27th June 1942.

Dr. Paresch Chandra Roy, M.B., Teacher of Materia Medica (part-time).

Dr. Jogendra Kumar Chakravorty, L.M.P., Sub-Assistant Surgeon (Selection Grade), Teacher of Anatomy (whole-time).

**Demonstrators—**

**Dr. Harshanath Bhattacharjee, L.M.P.,** Sub-Assistant Surgeon, Teacher of Compounder Class and Demonstrator of *Materia Medica* (whole-time).

**Dr. Madhusudan Roy Choudhury, L.M.P.,** Sub-Assistant Surgeon, Demonstrator of Pathology (whole-time).

**Dr. Md. Abdul Jabber, L.M.P.,** Sub-Assistant Surgeon, Demonstrator of Anatomy (whole-time) up to 30th September 1941.

**Dr. Golam Rabbani, L.M.P.,** Sub-Assistant Surgeon, Demonstrator of Anatomy (whole-time) up to 25th December 1941.

**Dr. Gourhari Biswas, L.M.P.,** Sub-Assistant Surgeon, Demonstrator of Physiology (whole-time) up to 29th May 1942.

**Dr. Sukhendra Kumar Chakravorty, L.M.P.,** Sub-Assistant Surgeon, Demonstrator of Anatomy (whole-time) from 12th March 1942.

**VIII.—Hostel.**

There is no attached hostel. Students live in rented houses as messes recognised by the school authorities under supervision of Inspectors appointed by the Superintendent.

**IX.—Athletic Club.**

The students played football, cricket, hockey, volley ball, tennis and badminton and practised rowing and barbells.

**X.—Library.**

The total number of books in the library at present is 302. It is well equipped with text-books and reference books. Five books were purchased at a cost of Rs. 78 during the year.

The following journals were subscribed:—

1. Indian Medical Gazette.
2. Journal of Obstetrics and Gynaecology.

**XI.—Students.**

1. Sex of students—Four females and the rest males.
2. Annual admission—Average maximum number 53.
3. Age of students on admission—Over 15 years.
4. Standard of general education for admission—Matriculation Examination.

**XII.—Hospital.**

The Surjya Kanta Hospital, Mymensingh, is the Teaching Hospital to the Lytton Medical School, Mymensingh, and is also a training institution for nurses for junior certificates.

*Staff of Hospital during the year under report.***I. Superintendent—**

**Dr. Prafulla Ranjan Das Gupta, M.B.,** up to 15th June 1942 (part-time).

**Dr. Satish Chandra Mukherjee, M.B.,** from 16th June 1942.

## II. Assistant Surgeon in charge—

Government Assistant Surgeons, Dr. Surendra Mohan Lahiri, B.Sc., M.B., (whole-time) up to 11th May 1942 and Dr. Satish Mukherjee, M.B., from 12th May 1942.

## III. Government Assistant Surgeons—

Dr. Satish Chandra Mukherjee, M.B. (part-time).

Dr. S. M. Ghosh, M.B. (part-time).

Dr. A. Das, M.R.C.S. (Eng.), M.R.C.P. (Lond.) (part-time).

## IV. Government Sub-Assistant Surgeons—

(1) Dr. A. F. Ali Hasan, L.M.F. (in charge of male Out-patient Department) (whole-time) up to 27th March 1942.

(2) Dr. Harakanta Chakravorty, L.M.F., from 28th March 1942 to 20th April 1942.

(3) Dr. Naresh Chandra Chakravorty, L.M.F., 21st April 1942 (whole-time).

(4) Dr. M. S. Roy Choudhury, L.M.F., (Demonstrator of Pathology), in charge of Clinical Laboratory of this Hospital (part-time).

## Lady Doctor—

Dr. (Miss) R. Thapa, L.M.F. (in charge of female Out-patient Department).

## V. Medical Officers (Honorary)—

(1) Dr. Pranesh Chandra Majumdar, M.B., Ear, Nose and Throat Department (part-time).

(2) Dr. Paresh Chandra Roy, M.B., Teacher of Materia Medica (part-time).

(3) Dr. Manmathanath Roy, L.M.F., L.M. (Dub.), Gynaecologist and Obstetrician (part-time).

(4) Dr. A. K. Talukder, L.M.F., Eye Department (Indoor and Outdoor) (part-time).

(5) Dr. H. N. Chakravorty, L.M.F., Eye Department (Indoor and Outdoor) (part-time).

(6) Dr. N. K. Ghosh, Dentist, Out-patient Department (part-time).

(7) Dr. B. Sen Gupta, Dentist, Out-patient Department (part-time).

(8) Dr. R. Saha, L.M.F., Registrar (part-time).

(9) Dr. B. C. Roy, L.M.F., Out-patient Department, Medical (part-time).

(10) Dr. S. C. Patranobis, L.M.F., Out-patient Department, Surgical (part-time).

## VI. House Officers—

(A) *Paid*.—There were 4 of them. They are passed students of the Lytton Medical School, Mymensingh. They help the teachers in charge of surgical, medical and gynaecological wards of S. K. Hospital, Mymensingh, at an honorarium of Rs. 20 per month. Tenure of their service is for 6 months.

(B) *Honorary*.—There were 8 of them with a tenure of service for six months. Six were designated as clinical assistants.

**VII. Nursing staff—**

**Matron**—1. (Mrs. J. S. Neisser) (holding senior certificate in nursing and midwifery).

**Staff nurses**—4.

**Pupil nurses (female)**—6.

**Pupil nurses (male)**—6.

**VIII.** The following improvement was done in the S. K. Hospital during the year under report:—

(1) Extension of Midwife's quarters completed.

Number of confinement cases during the last three years:—

1939	... 210
1940	... 230
1941	... 330

**XIII.—General notes.**

	Rs.
Income	... 53,963
Expenditure	... 51,742

**School Office.**—Dr. Md. Lutfar Rahman, M.B., did the duties of Deputy Superintendent up to 10th October 1941, Dr. Sudhendu Kumar Ganguli, M.B., did the duties of Deputy Superintendent from 11th October 1941 to 17th December 1941 and Dr. Sukumar Bhattacharjee, M.Sc., M.B., from 18th December 1941 to 26th June 1942 and kept the standard of discipline amongst the students very satisfactorily.

S. C. MUKHERJEE, *Superintendent,*  
*Lytton Medical School, Mymensingh.*





TABLE B.

**Classification of students according to religion and nationality taught in and passed out during the year 1941-42 from the Lytton Medical School, Mymensingh.**

Classification.	Total number of students taught during the year, i.e., the number remaining from the previous year and the number admitted during the year.		Number passed out during the year in the Final Examination as L.M.F. or Final Licentiate Examination of the State Medical Faculty.	
	Male.	Female.	Male.	Female.
1. Hindu—				
(a) Brahmin ..	59	2	10	..
(b) Non-Brahmin ..	133	2	21	..
2. Muslim ..	24	..	1	..
Total ..	216	4	32	..
Nationality—Bengalees ..	216	4	32	..

TABLE C.

**Classification according to preliminary general educational qualification of the students admitted during the year 1941-42 and the previous year in the Lytton Medical School, Mymensingh.**

Classification.	Hindus.		Muslims.		Christians.		Others.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1940-41.								
B.A. or B.Sc. ..	..	..	..	..	..	..	..	..
I.A. or I.Sc. ..	6	..	1	..	..	..	..	..
Matriculation ..	37	2	7	..	..	..	..	..
1941-42.								
B.A. or B.Sc. ..	..	..	..	..	..	..	..	..
I.A. or I.Sc. ..	6	..	..	..	..	..	..	..
Matriculation ..	22	1	8	..	..	..	..	..

**TABLE D(a).**

**Statement showing the result of Compoundership Examination held at the Lytton Medical School, Mymensingh, during the year 1941-42 and the previous year.**

[illegible]



TABLE

## Statement showing the Income and Expenditure of the Lytton Medical

<i>Income.</i>				
Heads of receipts.	1940-41.	1941-42.	Increase.	Decrease.
1	2	3	4	5
	Rs.	Rs.	Rs.	Rs.
Receipts from other sources than Government .. ..	..	..	..	..
Opening balance .. ..	..	..	..	..
School fees .. ..	16,953	18,791	(a)1,838	..
Fines .. ..	380	468	88	..
Entrance fees .. ..	476	332	..	144
Compounder class fees .. ..	864	570	..	294
Miscellaneous .. ..	248	207	..	41
District Board Fund .. ..	630	1,032	402(b)	..
Mohsin Fund .. ..	392	792	400(c)	..
Total .. ..	19,943	22,192	2,728	479
Receipts from Government .. ..	30,856	30,667	..	189
Total Income .. ..	50,799	52,859	2,728	668

(a) Increase is due to more number of students paying fees.

(b) Increase is due to more amount drawn.

(c) Increase is due to more amount drawn.

E. .

**School, Mymensingh, during the year 1941-42 and the previous year.**

<i>Expenditure.</i>				
<b>Heads of expenditure.</b>	<b>1940-41.</b>	<b>1941-42.</b>	<b>Increase.</b>	<b>Decrease.</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
	<b>Rs.</b>	<b>Rs.</b>	<b>Rs.</b>	<b>Rs.</b>
Establishment .. ..	35,168	36,942	(d)1,774	..
Travelling allowance .. ..	1,989	1,295	..	694(e)
Scholarships from Government .. ..	4,749	4,775	26	..
Stipend from District Board .. ..	630	1,032	402	..
Stipend from Mohsin Fund .. ..	392	792	400	..
Prizes .. ..	244	244	..	..
Taxes .. ..	855	855	..	..
Contingencies .. ..	4,925	5,036	111	..
Medicine and Instruments .. ..	1,847	1,888	41	..
Purchase of books out of Library Fund .. ..	..	..	..	..
<b>Total Expenditure .. ..</b>	<b>50,799</b>	<b>52,859</b>	<b>2,754</b>	<b>(e)694</b>
Closing Balance .. ..	..	..	..	..
<b>Grand Total .. ..</b>	<b>50,799</b>	<b>52,859</b>	<b>2,754</b>	<b>694</b>

(d) Increase is due to more pay drawn.

(e) Decrease is due to less amount drawn.

S. C. MUKHERJEE, *Superintendent,*  
*Lytton Medical School, Mymensingh.*

# Annual Report of the Ronaldshay Medical School, Burdwan for the year 1941-42.

## I.—Building and accommodation.

No new building was constructed during the year under report. The usual repairs were carried out.

Allotment of funds is necessary for the following works:—

1. Electric installation in the hostel building.
2. Extension of the school for better accommodation of the Physiology and Pathology Departments with provision for respective teachers' rooms.
3. Common room for students.
4. Compound wall of the Anatomy Department.
5. Extension of the anatomical museum with provision of a room for the teacher and another for the demonstrators.
6. Provision for a hygiene museum and teachers' room.
7. Construction of a Muslim hostel.

## II.—Teaching and equipment.

**Chemistry and Physics.**—This department is well equipped. Fifty-eight lectures, 50 demonstrations and 16 tutorial classes were held. Special attention was given to the plucked students. The examination results in this subject were satisfactory.

**Anatomy.**—Seventy-six lectures, 65 demonstrations and 21 tutorial classes were held. In the winter term 52 dead bodies were supplied to the students for dissection. Five new diagrams and 10 dissected specimens were added to this department during the year under report.

Due to better supply of dead bodies the students were able to devote more time and attention to dissection and practical training in anatomy and operative surgery.

**Materia Medica.**—The department is well equipped with drugs and specimens and the museum is suitably arranged for proper teaching and was fully utilised by the students.

**Physiology.**—Lectures, demonstrations and tutorial classes as prescribed in the syllabus were regularly held.

The department is equipped with 84 diagrams, 16 microscopes and one oil immersion lens. An epidiascope is necessary for use of this as well as of other departments.

The following clinical and biochemical work was done in this department during the year under report.

1. Blood urea	...	8
2. Urine urea	...	8
3. Blood Sugar	...	12
4. Blood for Van den Berg's reaction	...	1
5. Gastric contents	...	19
6. Urine Sugar	...	2
7. Cystu fluid for urea	...	1

Total ... 51

**Surgery.**—The prescribed lectures on surgery and operative surgery were delivered by the teacher. The students attended all operations in batches. The senior students were given opportunities of helping the surgeon in operations as well as in the administration of general anaesthetics.

They were also given facilities for performing minor operations in presence of the surgeon.

**Medicine.**—The prescribed course of lectures were delivered by the teacher. Clinical lectures and demonstrations were given in the wards by the Teacher of Medicine and the Honorary Visiting Physician. Instructions in case taking and recording of case notes were regularly given. Performance of clinical laboratory work by the students were supervised by the clinical pathologist.

**Midwifery and Gynaecology.**—The usual lectures were delivered by the teacher. The students received clinical teaching in the maternity ward of the Burdwan Fraser Hospital. One hundred and sixty Labour cases were treated in the hospital of which 119 were normal and 41 abnormal. Ninety-three gynaecological operations were performed this year in which the students were allowed to assist the teacher.

**Medical Jurisprudence.**—The teacher delivered the usual number of lectures. The senior students attended the medico-legal post-mortem examinations and received practical demonstration on the cases. Thirty-eight Police post-mortems were done during the year under report.

**Hygiene.**—The teacher delivered the usual number of lectures and conducted field demonstrations. The department is equipped with a set of diagrams and models. Construction of a hygiene museum and a teacher's room is urgently necessary and it is hoped that funds will soon be allotted for this purpose.

**Pathology.**—The usual number of lectures and demonstrations were held. Twenty-five pathological post-mortem examinations were done during this year which the students attended.

Much difficulty is being experienced for want of a refrigerator administrative sanction for which has already been obtained. It is hoped funds will soon be allotted for its installation.

The following pathological and bacteriological works were done in this department during the year under report.

**Culture :—**

Blood	...	3
Throat swab	...	6
Stool	...	122
Urine	...	46
Sputum	...	6
C. S. fluid	...	28
Pus	...	8
Blood for S. G. test	...	76
Blood for M. P. detection	...	7
Blood for S. G. test	...	76
Blood for M. P. detection	...	7
Blood for Diff. Count	...	6
Blood for Widal reaction	...	29
Sputum for microscopic examination	...	5
Liver fluid for microscopical examination	...	3
Spleen fluid for L. D. Bodies	...	3
Cerebro spinal fluid for microscopical examination	...	18
Antogenous Vaccine	...	24
Tissue for Section	...	35
<b>Total</b>	<b>...</b>	<b>425</b>

**Compounder and Dressers' classes.**—The usual lectures, demonstrations and practical classes were held. Twenty-six students were admitted into the compounders' class of whom 19 joined the dressers' class as well. Twenty-three students passed the compoundership examination and 22 students passed the dressership examination from this school during the year under report.

**Hostel.**—There is a Hindu Hostel attached to this school accommodating 100 boarders. Want of a Muslim hostel is being keenly felt. At present the Muslim students are staying in two separate outside messes for want of a building big enough to accommodate them all. It is hoped Government will soon sanction the construction of a Muslim hostel.

**Library.**—The total number of books in the library is 484. Students are allowed to read books in the library and those depositing a library caution money of Rs. 10 are allowed to borrow them for a period of 15 days at a time.

Much inconvenience having been felt for want of a librarian, administrative sanction for the appointment of a 3rd clerk as accountant and librarian has already been applied for, and it is hoped the appointment will soon be sanctioned.

**Athletic club.**—The club has been well maintained. The students took part in various matches and friendly games.

### Change in Establishment.

1. Assistant Surgeon, Dr. K. N. Sen, M.B., M.R.C.P., D.P.H., joined as Teacher of Medical Jurisprudence in place of Dr. B. A. Ahmed transferred to Dacca Medical School, with effect from the 17th September 1941.

2. Sub-Assistant Surgeon Dr. B. B. Banerjee was appointed as Demonstrator of Materia Medica and Teacher of Compounder class with effect from the 9th April 1942, in place of Dr. D. N. Dutta Gupta transferred to Howrah Police Hospital.

3. Sub-Assistant Surgeon Dr. B. C. Chowdhury was appointed as Demonstrator of Physiology from the 6th October 1941, in place of Dr. J. Sen Gupta transferred to Jalpaiguri Medical School.

4. Sub-Assistant Surgeon Dr. Patit Ranjan Deb was appointed as Senior Demonstrator of Anatomy from the 12th May 1942 in place of Sub-Assistant Surgeon, Dr. B. B. Banerjee appointed as Demonstrator of Materia Medica.

5. Sub-Assistant Surgeon Dr. H. Datta Roy was appointed as Junior Demonstrator of Anatomy with effect from the 16th May 1942, in place of Sub-Assistant Surgeon Dr. A. R. Mukherjee resigned.

### Staff of the School.

1. Dr. S. C. Sen, M.B., D.T.M., Superintendent (part-time).
2. Dr. S. R. Das Gupta, M.B., Deputy Superintendent and Teacher of Physiology (whole-time).
3. Dr. P. B. Bhattacharjee, M.B., D.T.M., Teacher of Medicine (whole-time).
4. Dr. H. K. Dutta, M.B., Teacher of Pathology (whole-time).
5. Dr. A. C. Bhowmic, M.B., Teacher of Midwifery (whole-time).
6. Dr. S. N. Mukherjee, M.B., Teacher of Surgery (whole-time).



7. Dr. K. N. Sen, M.B., M.R.C.P., D.P.H., Teacher of Medical Jurisprudence (part-time).
8. Dr. P. K. Bhattacharjee, L.M.F., Teacher of Anatomy (whole-time).
9. Dr. S. N. Bhattacharjee, B.Sc., M.B., Teacher of Materia Medica (part-time).
10. Dr. T. D. Mukherjee, M.B., D.P.H., Teacher of Hygiene (part-time).
11. Mr. B. N. Sen, M.Sc., Teacher of Chemistry and Physics (part-time).
12. Dr. B. B. Banerjee, Demonstrator of Materia Medica (whole-time).
13. Dr. A. P. Banerjee, L.M.F., Demonstrator of Chemistry and Physics (whole-time).
14. Dr. Bankim Chandra Choudhury, L.M.F., Demonstrator of Physiology (whole-time).
15. Dr. Patit Ranjan Deb, L.M.F., Senior Demonstrator of Anatomy (whole-time).
16. Dr. Hrishikesh Datta Roy, L.M.F., Demonstrator of Anatomy (whole-time).

#### Staff of the Hospital.

1. Dr. S. C. Sen, M.B., D.T.M., Superintendent (part-time).
2. Dr. K. N. Sen, M.B., M.R.C.P., D.P.H. (whole-time), Deputy Superintendent.
3. Dr. P. B. Bhattacharjee, M.B., D.T.M., Officer-in-charge of Medical Ward (part-time).
4. Dr. H. K. Dutta, M.B., Bacteriologist and Adviser to the Hospital Pathological Department (part-time).
5. Dr. A. C. Bhowmic, M.B., Officer-in-charge of Obstetrical and Gynaecological Ward (part-time).
6. Dr. S. N. Mukherjee, M.B., Officer-in-charge, 1st Surgical Ward (part-time).
7. Dr. S. N. Bhattacharjee, B.Sc., M.B., Honorary Physician (part-time).
8. Dr. A. K. Lahiri, M.B., L.M., Honorary Visiting Physician, Out-patient Department (part-time).
9. Dr. P. K. Bhattacharjee, Visiting Surgeon, Venereal Out-patient Department (part-time).
10. Miss M. Singh, L.M.P., Lady Doctor (whole-time).
11. Dr. J. Chakravorty, M.B., Honorary Eye Specialist (part-time).
12. Dr. B. B. Banerjee, L.M.F., Radiologist (part-time).
13. Dr. B. N. Sen Gupta, L.M.F., L.T.M., Honorary Pathologist, Indoor Clinical Laboratory (part-time).
14. Dr. A. Sen Gupta, L.M.F., L.T.M., Honorary Pathologist, Outdoor Clinical Laboratory (part-time).
15. Dr. C. S. Chatterjee, L.M.F., Dental Surgeon (part-time).
16. Dr. A. Sen, L.M.F., Registrar (part-time).

**Students.**—The conduct and attendance of students were satisfactory. The details of the attendance of students are given in the Table "A" and the result of the State Medical Faculty examinations is shown in Table

"D(b)"; 109 applications for admission were received and 58 students were admitted into the 1st year class during the year under report.

- (1) Sex of students—Male and female.
- (2) Number on the roll in July 1941—220.
- (3) Maximum number of new admission—58.
- (4) Age limit high and low for students on admission—There is no high age limit. Students on admission must be over 15 years of age.
- (5) Standard of general education for admission—Matriculation or its equivalent is the minimum standard.

#### Examination.

1. Names of examiners at each of the examination—*Vide* Appendix "A".
2. By whom appointed and for how long at a time—*Vide* Appendix "A".
3. Percentage of marks required at each examination to obtain a pass—40 per cent.
4. Proportion of students who take all subjects at the final examination—80 per cent.

**Financial.**—The total receipt of the school other than from Government was Rs. 25,393 and the total expenditure Rs. 58,875 as against Rs. 25,488 and Rs. 56,666, respectively, for the previous year. The details of receipt and expenditure for the last two years are given in Table "E".

1. The average primary cost to Government per student per annum was Rs. 184 as against Rs. 175 of the previous year.
2. Percentage of students paid for by—

	Per cent.
(a) Government	... 25
(b) Local bodies	... 4
(c) Privately by guardians	... 71

#### Hospital.

- (1) Total number of beds in the hospital—155.
- (2) Average daily number of in-patients—135·4.
- (3) Average daily number of out-patients—98·98.
- (4) Total number of confinement cases—

1939-40—134.

1940-41—179.

1941-42—160.

- (5) Total number of operations—

(a) Surgical	... 3,706
(b) Gynaecological	... 93

**Equipment.**

Number of microscopes allotted for the personal use of students in teaching—

(a) Pathology	...	17
(b) Physiology	...	16

**General notes.**—The following Burdwan Raj Lectures were delivered in this institution during the year under report:—

1. Dr. L. E. Napier, F.R.C.P. (Lond.)—Blood donation and blood and plasma transfusion including blood-grouping (on 6th February 1942).
2. Dr. C. R. Das Gupta, M.B.—Blood donation and blood and plasma transfusion including blood-grouping (on 6th February 1942).
3. Lt.-Col. F. J. Anderson, C.I.E., I.M.S.—Treatment of war wounds (on 13th February 1942).
4. Major J. C. Drummond, F.R.C.E., I.M.S.—Surgical aspects of first aid in air-raid (on 20th February 1942).
5. Lt.-Col. F. J. Anderson, C.I.E., I.M.S.—Treatment of fractures under war conditions (on 27th February 1942).

The reunion of the present and past students and the dramatic performances and exhibitions usual on such occasions could not be held this year due to the light restrictions at Burdwan.

The staff carried out their duties efficiently.

The office is understaffed. Appointment of a third clerk to deal with accounts, library and stores, is urgently necessary.

S. C. SEN, *Superintendent,*

*Ronaldshay Medical School, Burdwan.*

BURDWAN,

*The 5th September 1942.*

TABLE A.

Statement showing the attendance of the students of the Ronaldshay Medical School, Burdwan, during the year 1941-42.

Session.	Left, died, etc., during the year.										Average monthly number of pupils.				Average daily attendance.			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
		Remained on the rolls from the previous year.	Admitted during the year.	Re-admitted during the year.	Admitted on transfer from other Medical Schools.	Total.	Left school after having passed the Final Examination.	Removed for absence without leave.	Removed for non-payment of school fees.	Removed for failure at the Test Examination.	Resuscitated or removed for misconduct.	Transferred to other Medical Schools.	Resigned or left otherwise.	Died.	Total.	Remained at the end of the year.	Average monthly number of pupils.	Average daily attendance.
1940-41	..	163	50	6	1	220	37	..	1	4	..	..	22	..	64	156	183	157
1941-42	..	156	58	8	..	222	31	..	1	3	..	..	7	..	42	180	195	180

TABLE B.

Classification of students according to Religion, nationality, taught and passed out during the year 1941-42, from the Ronaldshay Medical School, Burdwan.

	Total number of students taught during the year and the number remaining from the previous year and the number admitted during the year.		Number passed out during the year in the Final examination as L.M.F. or Final Licentiate examination of the State Medical Faculty of Bengal.	
	Male.	Female.	Male.	Female.
1	2	3	4	5
<i>Religion.</i>				
1. Hindu—				
(a) Brahmin ..	54	..	9	..
(b) Non-Brahmin ..	149	..	21	..
2. Muslim ..	18	..	1	..
3. Christian ..	..	1	..	..
Total ..	221	1	31	..
<i>Nationality</i> ..	..	..	..	..
Bengalees ..	213	1	30	..
Non-Bengalees ..	8	..	1	..





TABLE E.

Statement showing the income and expenditure of the Ronaldshay Medical School, Burdwan, during the year 1941-42, and the previous year.

	Income.				Expenditure.		
	1940-41.	1941-42.	Increase.		1940-41.	1941-42.	Increase.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
1. School fees ..	18,710	18,784	74	1. Establishment ..	41,546	42,076	(a)530
2. Fines ..	219	312	93	2. Travelling allowance ..	1,287	1,287	..
3. Hostel rent ..	4,568	4,276	..	3. Scholarships ..	4,580	(b) 4,580	(b)217
4. Readmission fees ..	12	18	6	4. Mohsin's stipend ..	624	648	24
5. Tuition fees from compound- ers and dressers.	789	762	..	5. Contract contingency ..	2,600	3,700	(c)1,100
6. Admission fee ..	374	390	16	6. Books and Journals ..	197	150	..
7. Mohsin fund ..	684	648	24	7. Medals and prizes ..	240	240	..
8. Miscellaneous ..	172	203	31	8. Rent, rates and taxes ..	2,004	2,856	(d)852
				9. Medical and surgical requisites	1,921	- 1,498	(e)423
Total ..	25,488	25,393	244	10. Stationery and forms ..	154	142	12
Receipts from Government ..	31,178	33,482	2,304	11. Other contingencies ..	1,730	1,698	32
Grand Total ..	56,666	58,875	2,546	Total ..	56,666	58,875	2,723
							514

(a) Due to fall in the number of students in the hostel.

(b) For periodical increment of staff.

(c) Due to increase in the number of Muslim scholarship holders.

(d) Due to payment of the electric bills and wages of attendant menials for February 1942, in April, 1942 and for purchase of furniture for the different departments of the school.

(e) Due to enhancement of the rate of Municipal taxes.

(f) The increase in 1940-41 was due to the repair of some damaged instruments of the Pathology Department.

S. C. SEN,

Superintendent, Ronaldshay Medical School, Burdwan.



# Annual Report of the Chittagong Medical School for the year 1941-42.

## I.—Buildings and accommodation.

No additions or alterations were made to the existing buildings for purely Medical School purposes.

## II.—Teaching and equipment.

**Chemistry and Physics.**—The classes in Chemistry and Physics for the first year students of this school were held in the Chittagong College as before and were carried out satisfactorily.

**Anatomy.**—Lectures and demonstrations in the subject were held in excess of the prescribed number by Dr. D. M. Chanda assisted by two demonstrators and were given throughout the year with the help of models, diagrams, bones, etc.; 20 cadavers were available from the General Hospital, Chittagong, for dissection by students. This number of dead bodies was not sufficient for the purpose.

**Physiology.**—The department was under the charge of Dr. M. P. Talukdar assisted by one demonstrator. The regular lectures and demonstrations were held in excess of the requisite number prescribed. The department is equipped with a sufficient number of diagrams, 14 students' microscopes and only one oil immersion lense microscope. At least 10 students' microscopes and one oil immersion microscope, in addition to the above, are needed for the department for the facility of teaching.

**Materia Medica.**—This department was under the charge of Dr. M. Haq, assisted by one demonstrator. The department is well-equipped with necessary drugs, etc., required for the use of the students in their practical classes, and the work was satisfactory. The usual lectures and demonstrations were held by the teacher and demonstrator.

**Surgery.**—The department was under the charge of Dr. S. C. Gupta. The prescribed course of lectures was delivered by the teacher during the year under report. Clinical instruction was given in the Surgical Ward of the Chittagong General Hospital and the students acted as surgical dressers and operation assistants. Clinics on important cases were given by the teacher with the help of X-ray films. Regular instruction in operative surgery was given.

**Medicine.**—The prescribed course of lectures was delivered during the year by Dr. A. Ahmed, the teacher. Clinical demonstrations were given in the wards daily throughout the year by the teacher.

**Midwifery and Gynaecology.**—The department was under the charge of Dr. C. L. Mukherjee. Lectures in excess of the prescribed number were delivered by the teacher. Clinics were given by the teacher in the wards on obstetric and gynaecological cases; 199 labour cases were available during the year under report. This decline in numbers was attributable to War conditions in Burma.

**Medical Jurisprudence.**—The department was under the charge of Dr. K. N. Sen up to 7th September 1941 and from 8th September 1941 was under the charge of Dr. N. K. Roy. The usual lectures were delivered by

the teacher during the year. Sixty-four medico-legal post-mortems were done which were attended by the senior students of this school for practical training.

**Hygiene.**—The department was under the charge of Dr. B. Bose, D.P.H., Teacher of Hygiene. The prescribed lectures on hygiene and rural hygiene were delivered by the teacher during the year.

**Pathology.**—The department was under the charge of Dr. S. C. Mazumdar, assisted by one demonstrator. Lectures in excess of the prescribed number were delivered during the year. The department is equipped with four microscopes provided with 1/12 objectives and 11 students' microscopes. Two more microscopes with oil immersion lenses and 10 more students' microscopes are required for the department.

The details of the clinical pathological works of the hospital cases done during the year, are as follows:—

Kahn test	...	193
Widal reaction	...	34
Blood culture	...	14
Blood sugar estimation	...	18
Van Den Bergh test	...	6
Blood grouping	...	23
Urine culture	...	97
Urine examination	...	85
Urea concentration test	...	5
Stool culture	...	7
Stool examination	...	116
Culture and cholera red reaction	...	4
Throat-swab culture	...	4
Pathological fluid, etc., for culture and special examination	...	25
Auto-vaccine	...	5
Pathological smears examination	...	4
Tissue section	...	4
Fractional gastric analysis	...	8
General blood examination	...	198
Micro-filaria	...	2
Blood urea	...	12
Blood sedimentation	...	21
Sputum culture	...	5
Sputum examination	...	8
Total	...	898

**Out-patient Department.**—This department has been much improved and divided into 3 separate sections for facility in working as details below:—

- (a) Medical;
- (b) Surgical including Venereal, Eye, Ear, Nose, Throat and Dental;
- (c) Gynaecological and Obstetrical.

The Medical section is in charge of the assistant to the Assistant Surgeon and Deputy Superintendent, Dr. D. C. Das Gupta, L.M.F. Honorary Physician Dr. M. Huq, M.B., also attends the section daily and gives clinics to students.

The Surgical Department is in charge of the Teacher of Medical Jurisprudence assisted by a House Surgeon.

The Gynaecological and Obstetrical sections are in charge of the lady doctor.

All these officers in charge of these sections give clinics to students on suitable cases daily and Teachers of Surgery, Medicine, Midwifery and Gynaecology biweekly.

The eye clinic is held twice a week on Monday and Thursday mornings by Dr. S. C. Gupta, M.B., Teacher of Surgery.

The venereal clinic is held daily by the Teacher of Medical Jurisprudence.

The ear, nose and throat clinic is held twice a week on Tuesday and Friday mornings by the Medical Officer, Out-patient Department.

Anti-rabic treatment is given daily by the House Physician and clinics are also given to students.

Leprosy treatment is done once a week by a House Physician.

Vaccination is carried out twice a week by a municipal vaccinator.

Tuberculosis clinic is managed by Medical Officer, Out-patient Department.

A clinical laboratory is attached to this department. The Honorary Clinical Pathologist is in charge. He guides the students and sees that proper records of examinations are kept.

X-ray.—This department has improved the teaching of medicine and surgery considerably; nearly every plate taken is demonstrated to students. This is now managed by Captain J. Brehner, I.M.S.

### III.—Conduct and attendance of students.

The conduct and attendance of students both in the school and hospital were satisfactory. Fifty-two students were admitted during the year under report; new admission 48 and re-admission 4. The standard of general educational qualification of the students admitted is shown in Table "C". The total number of applications received for admission was 67 as against 76 of the last year.

### IV.—Examinations.

The results of the State Medical Faculty Examinations are shown in Table "D".

### V.—Compounders' Class.

Three students passed their final Compoundership Examination during the year. The results are shown in Table "D(a)". Seven students were admitted during the year under report. The usual lectures, demonstrations and practical classes were held by the Demonstrator of Materia Medica.

### VI.—Finance.

The total receipts of the school other than Government were Rs. 24,258 and the total expenditure was Rs. 48,588 as against Rs. 22,571 and Rs. 43,011 respectively, of the previous year. The details of receipts and expenditures are shown in Table "E".

The average cost per student per annum was Rs. 279 as against Rs. 170 of last year.

This variation in the cost per student per annum in comparison with the previous year, is due to increase in the expenditures both in school and hospital and decrease in the number of students in the school.

### VII.—Establishment.

Captain John Brebner, I.M.S., was in charge of the office of the Superintendent throughout the year.

Dr. M. P. Talukdar, M.B., was in charge of the office of the Deputy Superintendent throughout the year.

Dr. N. K. Roy was appointed Teacher of Medical Jurisprudence from the 8th September 1941 *vice* Dr. K. N. Sen, M.B., M.R.C.P., D.P.H., transferred.

Dr. Q. A. Hug, L.M.F., was appointed Demonstrator of Physiology from the 2nd August 1941 *vice* Dr. M. N. Sofa, L.M.F., deceased.

Dr. M. S. Ali, L.M.F., was appointed Demonstrator of Anatomy from the 13th August 1941 *vice* Dr. A. C. Nag, L.M.F., deputed to Military duty.

### VIII.—General Notes.

**Inspection.**—No inspection was made during the year under report.

**Library.**—Medical books worth Rs. 190 were purchased during the year under report. A grant of Rs. 500 is necessary for the improvement of the library as recommended by the Inspectors of the State Medical Faculty of Bengal in their last inspection in January 1941.

**Athletic Club.**—Students played football, cricket, volley ball, tennis and badminton as their outdoor games and carrom and ping pong as their indoor games. The interest of students in football game was not very encouraging for want of a play ground.

**Office.**—Dr. M. P. Talukdar, M.B., was in charge of the office of the Deputy Superintendent throughout the year.

**General.**—An epidiascope is needed for the school. A pressing need is for proper hostel accommodation for the majority of the students.

An important factor in the life of the School, was the effect of the air-raid on Rangoon on December 23rd 1941. Following this, and subsequent Japanese successes, attendance in the hospital fell greatly, and evacuation of women and children had largely been accomplished by the end of the year under discussion. This affected the number of confinements in particular, but there was also some effect on the male wards.

Rising costs of living during the latter part of the year were beginning to have some effect on the students, and the absence of Government hostels in particular was painfully obvious, as there was considerable unrest generally in the district over the war situation.

JOHN BREBNER, CAPTAIN, I.M.S..

*Superintendent, Chittagong Medical School.*

CHITTAGONG:

*The 28th November 1942.*

**ANNEXURE.****Staff.**

(1) *List showing the names of the officers with their academic qualifications and their duties in the Chittagong Medical School, also whether whole-time, part-time or honorary.*

1. Captain John Brebner, I.M.S., Superintendent (part-time).
2. Dr. S. C. Gupta, M.B., Teacher of Surgery (part-time).
3. Dr. N. K. Roy, L.M.P., Teacher of Medical Jurisprudence (part-time).
4. Dr. M. P. Talukdar, M.B., Teacher of Physiology and Deputy Superintendent of the School (whole-time).
5. Dr. A. Ahmed, M.B., Teacher of Medicine (part-time).
6. Dr. S. C. Mazumder, M.B., Teacher of Pathology (whole-time).
7. Dr. C. L. Mukherjee, M.B., M.O., Teacher of Midwifery and Gynaecology (part-time).
8. Dr. M. Huq, M.B., Teacher of Materia Medica (honorary).
9. Dr. B. Bose, M.B., D.P.H., Teacher of Hygiene (honorary).
10. Dr. D. M. Chanda, L.M.P., Teacher of Anatomy (whole-time).
11. Dr. M. A. Wadud, L.M.F., Demonstrator of Pathology (whole-time).
12. Dr. A. Kahir, L.M.F., Demonstrator of Materia Medica and Teacher of Compounders' Class (whole-time).
13. Dr. M. Hashem, L.M.F., Demonstrator of Anatomy (whole-time).
14. Dr. Q. A. Huq, L.M.F., Demonstrator of Physiology (whole-time).
15. Dr. M. S. Ali, L.M.F., Demonstrator of Anatomy (whole-time).

(2) *List showing the names of officers with their academic qualifications and their duties in the General Hospital attached to the Chittagong Medical School, also whether whole-time, part-time or honorary.*

1. Captain John Brebner, I.M.S., Superintendent of the Hospital (part-time).
2. Dr. S. C. Gupta, M.B., Officer-in-charge, Surgical Wards (part-time).
3. Dr. N. K. Roy, L.M.P., Officer-in-charge, Out-patient Department and Infectious Wards and Deputy Superintendent, General Hospital (whole-time).
4. Dr. A. Ahmed, M.B., Officer-in-charge, Medical Wards (part-time).
5. Dr. C. L. Mukherjee, M.B., M.O., Officer-in-charge, Gynaecological Wards (part-time).
6. Dr. M. Huq, M.B., Honorary Physician, Out-patients' Department (part-time).
7. Dr. D. C. Das Gupta, L.M.F., Officer-in-charge, Out-patients' Department (whole-time).

In addition there are 5 paid house staff and 7 unpaid house staff attached to the Chittagong General Hospital.

(3) *Change in the teaching staff during the year.*

Dr. N. K. Roy was appointed Teacher of Medical Jurisprudence from the 8th September 1941 *vide* Dr. K. N. Sen, M.B., M.B.C.P., D.P.H., transferred.

Dr. Q. A. Huq, L.M.F., was appointed Demonstrator of Physiology from the 2nd August 1941 *vide* Dr. M. N. Sofa, L.M.F., deceased.

Dr. M. S. Ali, L.M.F., was appointed Demonstrator of Anatomy from the 13th August 1941 *vice* Dr. A. C. Nag, L.M.F., deputed to military duty.

### Students on 1st July 1941.

1. Sex of students—Male, 116.
2. Maximum number of new admission annually—About 50.
3. Age limits for students on admission—No high age limit; but must be over 15 years.
4. Standard of general education required on admission to the school—Matriculation or its equivalent is the minimum standard.

### Examinations.

1. Names of examiners at each of the examinations—Examiners are appointed by the Governing Body of the State Medical Faculty of Bengal every year.
2. By whom appointed—(Governing Body of the State Medical Faculty of Bengal each term (two terms annually)).
3. Percentage of marks required at each examination to obtain pass—40 per cent.
4. Proportion of students who took all the subjects at the Final Examination—69·8 per cent.

### Financial.

1. Cost of Government or to the body responsible for the school per student per annum in the school—Rs. 279.
2. Percentage of students paid for by:—
  - (a) Government—29·03.
  - (b) Local bodies or other agencies—4·83.
  - (c) Privately by their guardians—66·14.

### Equipment.

1. Number of sanctioned beds in the attached hospital—124, and average daily number of in-patients—122·2.
2. Average number of confinement cases per annum during the last three years—231 (1939-40), 252 (1940-41) and 199 (1941-42).
3. Number of microscopes allotted for personal use of the students in teaching:—
  - (a) Physiology—14.
  - (b) Pathology—11.
  - (c) Oil immersion lenses—5.

JOHN BREBNER, CAPTAIN, I.M.S.,

*Superintendent, Chittagong Medical School.*

CHITTAGONG:

*The 28th November 1942.*

**TABLE A.**

**Statement showing the attendance of students of the Chittagong Medical School during the year 1941-42 and the previous year.**

Session.	1	2	3	4	5	6	Left, died, etc., during the year.										16		17		18	Average daily attendance.
							Remained on the rolls from the previous year.	Admitted during the year.	Re-admitted during the year.	Admitted on transfer from other Medical Schools.	Total.	Left school after having passed the final examination.	Removed for absence without leave.	Removed for non-payment of school fees.	Removed for failure at the School Test Examination.	Resuscitated or removed for misconduct.	Transferred to other Medical Schools.	Resigned or left otherwise.	Died.	Total.		
1940-41	..	130	44	12	..	186	30	1	10	15	..	..	..	12	2	70	116	171	18			
1941-42	..	116	48	4	..	168	29	1	17	5	..	..	..	8	..	60	103	164	17			

Boston.

TABLE B.

**Classification of students according to religion and nationality taught in and passed out of the Chittagong Medical School, Chittagong, during the year 1941-42.**

Classification.	Total number of students taught during the year, i.e., the number remaining from the previous year and the number admitted during the year.		Number passed out during the year in the Final Examination as Licentiate Medical Faculty or Final Licentiate Examination of State Medical Faculty of Bengal.	
	Male.	Female.	Male.	Female.
1	2	3	4	5
<i>Religion.</i>				
Muslims .. ..	42	..	8	..
Hindus .. ..	116	2	18	..
Buddhist .. ..	0	1	3	..
Christians .. ..	..	1	..	..
Sikhs .. ..	..	..	..	..
Total .. ..	164	4	29	..
<i>Nationality.</i>				
Bengalees .. ..	164	4	29	..
Punjabis or Sikhs .. ..	..	..	..	..
Total .. ..	164	4	29	..



TABLE C.

**Classification according to preliminary general education of the students admitted during the year 1941-42 and the previous year in the Chittagong Medical School, Chittagong.**

Classification.	Hindus.		Muslims.		Buddhists.		Christians.		Sikhs.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1940-41.										
I.A. or I.Sc. ..	4	..	1	..	..	..	..	..	..	..
Matriculation ..	28	..	9	..	1	..	1	..	..	..
1941-42.										
I.A. or I.Sc. ..	7	..	2	..	..	..	..	..	..	..
Matriculation ..	22	2	11	..	2	1	..	1	..	..

TABLE D(a).

**Statement showing the results of compoundership examinations held at the Chittagong Medical School, during the year 1941-42 and the previous year.**

	Remaining from the previous year.	Number of students admitted during the year.	Total number of students under training.	Number of students removed.	Number of students who appeared at the examination.		Number passed.	
					April.	October.	April.	October.
1	2	3	4	5	6	7	8	9
1940-41.								
Regular students	13	7	20	3	..	5	..	3
Outside candidates.	..	..	..	..	..	..	..	..
1941-42.								
Regular students	14	7	21	10	..	3	..	3
Outside candidates.	..	..	..	..	..	..	..	..



TABLE E.

Statement showing the income and expenditure of the Chittagong Medical School during the year 1941-42 and the previous year.

Heads of receipts.	Income.			Heads of expenditure.	Expenditure.		
	1940-41.	1941-42.	Increase.		1941-42.	Increase.	Decrease.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Received from other sources than Government—				Establishment ..	31,398	37,161	5,763(d)
School fees ..	16,700	15,462	1,238(a)	Scholarships and Prizes ..	6,216	5,101	1,115(e)
Admission fees ..	311	296	15	Mohsin Fund ..	906	..	246(c)
Fines ..	120	160	40	Purchase of books ..	148	190	42
Interest from endowment ..	4,429	7,530	3,101(b)	Rents, rates and taxes ..	1,022	1,022	..
Miscellaneous ..	105	150	45	Travelling allowance ..	1,428	1,140	288(f)
Mohsin Fund ..	904	660	240(c)	Contract contingencies ..	1,384	1,500	206(g)
Total ..	22,571	24,253	1,499	Medical and Surgical requisites ..	1,509	1,724	215(h)
Received from Government ..	20,440	24,330	3,890	Total ..	43,011	48,588	649
Grand Total ..	43,011	48,583	7,076		..	..	..

(a) Due to award of more special scholarships.

(b) Due to more interest received.

(c) Due to award of less amount.

(d) Due to sanction of non-practising allowance to 2 teachers.

(e) Due to less number of medals and prizes awarded.

(f) Due to no transfer of staff.

(g) Due to additional expenses for blackout arrangements.

(h) Due to purchase of some diagrams.

CHITTAGONG,

JOHN BREBNER, CAPT., I.M.S.,

Superintendent, Chittagong Medical School.

The 28th November 1942.

# Annual Report of the Working of the Jackson Medical School, Jalpaiguri for the year 1941-42.

## I.—Building and Accommodation.

No original work has been done during the year under review. The usual repairs were carried out.

## II.—Teaching and Equipment.

**Physics and Chemistry.**—The department is fairly well equipped. Certain chemicals and apparatus were purchased during the year. The usual lecture and demonstration classes were held.

**Anatomy.**—More dissecting specimens for museum are needed but neither proper specimen jars nor fund are available. Necessity of a cold room is urgent. The total number of cadavers collected were 37 of which only one was obtained from the Siliguri Hospital and the rest from local hospital.

**Physiology.**—A list of instruments for experimental physiology was indented last year but could not be available from the local agents. Racks on laboratory tables are urgently needed but could not be supplied for want of funds. More diagrams are needed but could not be supplied for want of funds.

**Bio-chemical Section.**—This section of the Physiology Department has been opened during the year under report. A sanction of Rs. 700 was obtained for the equipment of bio-chemical laboratory attached to Physiology Department but unfortunately most of the appliances and chemicals were not available due to War condition. A total sum of Rs. 579-8 was spent for some furniture and appliances, etc., and the rest of the money had to be refunded to Government. At present only the following work has been undertaken in this department:—

1. Analysis of gastric contents.
2. Blood Sugar.
3. Urine Urea.
4. Vandenberg.
5. Sugar content of C. S. fluid.
6. Albumin and Globulin content of C. S. fluid.

**Materia Medica.**—The museum drug specimens of the department have become very old and require replacement and more additions are also required. Unless this is done teaching will suffer and the Faculty will definitely object to the present arrangement of this museum.

**Pathology.**—The equipments of the department are not yet satisfactory. Administrative approval of Government for the purchase of a Refrigerator has been accorded but funds are not sanctioned yet. According to the suggestion of the State Medical Faculty of Bengal, Government has been moved to create a post of laboratory assistant. Administrative approval has been

received since. The literate laboratory servant of the department went to Medical College, Calcutta, and obtained training as laboratory assistant there at his own cost. The old demonstrator who was a D.T.M. has been transferred and another has been appointed. Museum is suffering for want of proper museum jars as they are not available.

The number of clinical examinations done in the pathological laboratory was 748 as against 580 of last year.

**Library.**—The medical school library has a very poor stock of books. As the annual grant for the purchase of books is only Rs. 200 addition to the stock has been very slow. Grants should be increased and this is suggested by Surgeon-General, Bengal, in his last report.

**Radiological Department.**—This department is continuing very useful service. Eight hundred and thirty-six cases were examined against 763 last year. The income from his department has been Rs. 6,323 against Rs. 5,628 last year. No extra apparatus has been added, but the inductothermy has been put into working order.

**Labour cases.**—The number of labour cases available in the hospital during the year under report was 401 as against 337 last year.

**Surgical Department.**—Four cadavers were supplied for operative surgery class like last year. The number of surgical operations performed during the year was 1,334 as against 1,281 last year.

**Out-patients' Department.**—The arrangements for holding separate medical and surgical clinics with separate blocks for the ear, nose and throat and also eye departments have been approved and a sum of Rs. 39,000 has been sanctioned and the work will soon be commenced, if building materials are available.

**Conduct and attendance.**—The attendance has been satisfactory but as regards conduct two students were expelled from the examination hall for adopting unfair means and they have been debarred from the next two examinations of the Faculty.

**Admission.**—The number of new students selected for admission was 40 out of 94 candidates who applied for admission as against 40 out of 73 last year. The educational qualifications of these newly-admitted students have been shown in Table "C".

**Examinations.**—The test and annual examinations of the school was held twice during the year as usual. The results of the Faculty Examinations are shown in Table "C".

**Hostel.**—There is neither hostel accommodation nor any attached mess for the students of the Jackson Medical School, which is essentially necessary. At present they board out in the town and many of them reside in highly insanitary surroundings and the incidence of malaria and dysentery among them is high. Some of the local zemindars are willing to build up hostels for the students if they get assurance from the Government that house rent will be paid regularly. It is expected that the hostels may be self-supporting. The question of accommodating students in a hostel is urgent and immediate and more so in the present situation of the country.

**Athletic Club.**—The management of the club was carried on satisfactorily. The students took a fairly active interest in sports and they were encouraged by staff.

A gymnasium shed is urgently required for the students and Government has been moved to provide funds.

**Visits and Inspections.**—The Surgeon-General with the Government of Bengal inspected the school on the 5th September 1941.

**Finance.**—The details of receipts and expenditure for the year are shown in Table "E". The causes for increase or decrease has also been furnished there. The total receipt of the school from sources other than Government was Rs. 21,741 as against Rs. 19,782 last year, and the total expenditure was Rs. 43,758 as against Rs. 43,537 last year. The average primary cost per student educated was Rs. 245 as against Rs. 262 last year.

Office of the Superintendent was held by—

Dr. B. A. Irvine, I.M.D.—From 1st April 1941 to 23rd June 1941.

Dr. A. K. Datta Gupta, M.B., D.T.M.—From 24th June 1941 to 31st March 1941.

Dr. A. H. Talukdar, M.B., held the post of Deputy Superintendent during the whole year.

Details of establishment will be found in Annexure I, below.

**ANNEXURE I.****Staff.**

- (1) *List showing the names of the staff with their qualifications and their duties in the medical school, also whether whole-time, part-time or honorary.*

*Superintendent.*

1. Dr. B. A. Irvine, M.B.E., M.R.C.S., L.R.C.P., I.M.D., from 1st April 1941 to 23rd June 1941 (part-time officer).
2. Dr. A. K. Datta Gupta, M.B., D.T.M., from 24th June 1941 to 31st March 1942 (part-time officer).

*Teachers.*

1. Dr. A. K. Datta Gupta, M.B., D.T.M., Teacher of Surgery.
2. Dr. J. B. Banerjee, M.B., Teacher of Pathology.
3. Dr. A. K. Nandi, B.Sc., M.B., M.R.C.P. (Edin.), Teacher of Medical Jurisprudence.
4. Dr. R. R. Roy, M.B., Teacher of Midwifery.
5. Dr. Md. H. Rahman, B.Sc., M.B., Teacher of Medicine.
6. Dr. A. H. Talukdar, M.B., Teacher of Physiology and Deputy Superintendent.

7. Dr. A. M. Bhattacharjee, L.M.F., Teacher of Anatomy.
8. Dr. S. C. Majumdar, M.B., Teacher of Materia Medica.
9. Dr. D. P. Dutta, M.B., D.P.H., Teacher of Hygiene.
10. Mr. N. C. Guha, B.Sc., Teacher of Physics and Chemistry.

Of these Nos. 1 and 3 to 5 are part-time officers. Nos. 2, 7, and 6 are whole-time officers. Nos. 8 to 10 are honorary officers.

*Demonstrators.*

1. Dr. J. Sengupta, L.M.F., Demonstrator of Physiology.
2. Dr. R. N. Ghosh, L.M.F., Demonstrator of Materia Medica.
3. Dr. K. Ali, L.M.F., Demonstrator of Anatomy.
4. Dr. K. P. Datta, L.M.F., Demonstrator of Anatomy.
5. Dr. A. B. M. Osmangani, L.M.F., Demonstrator of Pathology.
6. Dr. N. D. Roy, L.M.F., Demonstrator of Physics and Chemistry.

All are whole-time officers.

- (2) *List showing the names of the staff with their academic qualifications and their duties in the hospital attached to the medical school, also whether whole-time, part-time or honorary.*

*Superintendent.*

1. Dr. B. A. Irvine, M.B.E., M.R.C.S., L.R.C.P., I.M.D., from 1st April 1941 to 23rd June 1941.
2. Dr. A. K. Datta Gupta, M.B., D.T.M., from 24th June 1941 to 31st March 1942.

*Teachers.*

1. Dr. A. K. Datta Gupta, M.B., D.T.M., Surgical and Ophthalmic Wards.
2. Dr. Md. H. Rahman, B.Sc., M.B., Medical Ward.
3. Dr. R. R. Roy, M.B., Gynaecological Ward.
4. Dr. A. K. Nandi, M.B., M.R.C.P. (Edin.), Infectious and Outdoor Wards and Deputy Superintendent, Hospital.
5. Dr. J. B. Banerjee, M.B., Bacteriologist to the Hospital.

6. Dr. A. H. Talukdar, M.B., Bio-Chemist to the Hospital.
  7. Dr. A. M. Bhattacharjee, L.M.F., Radiologist to the Hospital.
- All are part-time officers.

(3) *Changes in the teaching staff during the year.*

1. Dr. Md. H. Rahman, B.Sc., M.B., was appointed Teacher of Medicine *vice* Dr. Nawab Ali, M.B., D.T.M., transferred.
2. Dr. J. Sengupta, L.M.F., was appointed Demonstrator of Physiology *vice* Dr. Ukil, L.M.F., joined military duty.
3. Dr. K. P. Datta, L.M.F., was appointed Demonstrator of Anatomy *vice* Dr. A. H. Sarkar, L.M.F., dismissed from Government service for having refused to join military duty.
4. Dr. A. B. M. Osman Goni, L.M.F., was appointed Demonstrator of Pathology *vice* Dr. S. P. Ghosh transferred.
5. Dr. N. D. Roy, L.M.F., was appointed Demonstrator of Physics and Chemistry, *vice* Dr. M. R. Bhattacharya, L.M.F., joined military duty.

**Students.**

1. Sex of students—Male.
2. Maximum number of new admissions annually—40.
3. Age-limit, high and low, for students on admission—No high age-limit. Must be over 15 years.
4. Standard of general education required on admission to the school—Matriculation or its equivalent is the minimum standard.

**Examinations.**

1. Names of examiners at each of the examinations—*Vide* Appendix A.
2. By whom appointed and for how long at a time—*Vide* Appendix A.
3. Percentage of marks required at each examination to obtain a pass—40.
4. Proportion of students who take all the subjects in the Final Examination—48·14.

**Finance.**

1. Cost of Government or to the body responsible for the school per student per annum in the school—Rs. 245.
2. Percentage of students paid for by—
  - (a) Government—19·17 per cent.
  - (b) Local bodies or other agencies—17·12 per cent.
  - (c) Privately by their guardians—63·71 per cent.

**Equipment.**

1. Number of sanctioned beds to the attached hospital—113 beds and average daily number of in-patients—140.
2. Average number of confinement cases during the last three years—157.
3. Number of microscopes allotted for the personal use of students in teaching—
  - (a) Physiology—13.
  - (b) Pathology—10 with 1/12 objective.

N. GUPTA,

*Superintendent,*

*Jackson Medical School, Jalpaiguri.*

JALPAIGURI;

*The 11th November 1942.*



TABLE A.

Statement showing the attendance of students of the Jackson Medical School, Jalpaiguri, during the year 1941-42 and the previous year.

Session.	Remained on the roll from the previous year.					3	Admitted during the year.	4	Re-admitted during the year.	5	Admitted on transfer from other schools.	6	Total.	Left, died, during the year.									16	17	18	Average daily attendance.
	2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	Average monthly number of pupils.	Average daily attendance.					
1940-41	86	40	6	..	132	22	..	9	2	..	..	..	..	..	..	40	92	123-67	112-50							
1941-42	92	40	14	..	146	13	..	17	..	..	..	..	..	11	..	41	105	142-59	120-38							

TABLE B.

Statement showing the classification of students according to religion and nationality taught in and passed out during the year 1941-42 from the Jackson Medical School, Jalpaiguri.

Classification.	Total number of students taught during the year, i.e., the number remaining from the previous year and the number admitted during the year.		Number passed out during the year in the Final Examination as L. M. F. or Final Licentiate Examination of the State Medical Faculty, Bengal.	
	Male.	Female.	Male.	Female.
1	2	3	4	5
<i>Religion.</i>				
(1) Hindus—				
(a) Brahmins ..	35	..	7	..
(b) Non-Brahmins ..	73	..	5	..
(2) Muslims ..	38	..	1	..
(3) Indian Christians ..	..	..	..	..
Total ..	146	..	13	..
<i>Nationality.</i>				
(1) Bengalees ..	143	..	13	..
(2) Nepalese ..	3	..	..	..
Total ..	146	..	13	..

TABLE C.

Statement showing the classification according to preliminary general education of students admitted during the year 1941-42 and the previous year in the Jackson Medical School, Jalpaiguri.

Classification.	Hindus.		Muslims.		Christians.		Others.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1	2	3	4	5	6	7	8	9
1940-41.								
B.A. or B.Sc. ..	..	..	..	..	..	..	..	..
I.A. or I.Sc. ..	2	..	1	..	..	..	..	..
Matriculation ..	25	..	10	..	..	..	2	..
1941-42.								
B.A. or B.Sc. ..	..	..	..	..	..	..	..	..
I.A. or I.Sc. ..	3	..	3	..	..	..	..	..
Matriculation ..	19	..	13	..	..	..	2	..

TABLE D.

Statement showing the results of the examinations of the State Medical Faculty of Bengal during the year 1941-42 and the previous year.

Sessions.	Final Licentiate examination.						Intermediate examination.						Primary Licentiate examination.					
	No. appeared.		No. passed.		Percentage of passed.		No. appeared.		No. passed.		Percentage of passed.		No. appeared.		No. passed.		Percentage of passed.	
	10 April Examination.	3 October Examination.	4 April Examination.	5 October Examination.	9 April Examination.	7 October Examination.	8 April Examination.	9 October Examination.	10 April Examination.	11 October Examination.	10 April Examination.	8 October Examination.	11 April Examination.	15 October Examination.	16 April Examination.	17 October Examination.	18 April Examination.	19 October Examination.
1																		
1940-41.																		
Male ..	29	14	17	5	58.62	35.71	26	18	7	6	26.92	33.33	34	6	16	4	47.05	66.66
Female ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1941-42.																		
Male ..	14	13	8	5	57.14	38.46	30	25	11	9	36.66	36.00	39	18	23	13	71.79	72.22
Female ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

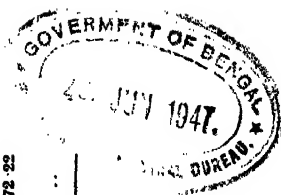


TABLE E.

Statement showing the income and expenditure of the Jackson Medical School, Jalpaiguri, during the year 1941-42 and the previous year.

Heads of receipts	Income.			Heads of expenditure.	Expenditure.		
	1940-41.	1941-42.	Increase.		1941-42.	Increase.	Decrease.
	Rs.	Rs. /	Rs.		Rs.	Rs.	Rs.
Receipts from other sources than Government—							
School fees	9,900	11,630	(a) 1,730	Establishment	32,693	32,180	(b) 573
Entrance fees	224	260	(a) 36	Scholarship and Prizes	3,649	3,649	..
Miscellaneous	289	482	(a) 193	Mohsin Fund	864	864	..
Mohsin Fund	864	864	..	Contingencies	2,272	2,150	(c) 122
Interest from endowments	8,505	8,505	..	Purchase of books	397	292	(d) 115
Total	19,782	21,741	..	Rents, rates and taxes	788	788	..
Received from Government	23,755	22,017	..	Medicine and instruments	1,109	1,302	(e) 253
				Stationery and forms	137	77	(e) 60
				Games	200	200	..
				House rent and other allowances	967	1,033	(f) 666
				Livery to menials	63	..	..
				Travelling allowances	398	573	(g) 63
Total	43,537	43,758	..	Grand Total	43,537	43,758	..

(c) Due to more articles purchased.  
 (f) Due to arrears non-practising allowances paid to the teacher of Anatomy.  
 (g) Due to biennial supply of liveries.  
 (h) Due to greater number of transfers.

(e) Due to increase in the number of students.  
 (f) Due to posting of some junior officers.  
 (g) Due to less requirements.  
 (h) Due to less amount sanctioned.

N. GUPTA, Superintendent,  
 Jackson Medical School, Jalpaiguri.

JALPAIGURI;  
 The 11th November 1942.

# Annual Report of the Calcutta Medical School for the year 1941-42.

## I.—Building and accommodation.

No new building was constructed during the year under report.

One new X-ray tube was purchased at a cost of Rs. 750 during the year.

## II.—Teaching and equipment.

**Chemistry and Physics.**—The Teachers of Physics and Chemistry assisted by two research scholars of the Indian Association for the Cultivation of Science (paid by the school), at 210, Bow Bazar Street, Calcutta, held theoretical and practical classes in the hall of the above Association. The assistant teacher also held demonstration classes in the school premises. Some new apparatus and drugs were purchased.

**Anatomy.**—The Teacher of Anatomy delivered the prescribed course of lectures during the year. The teacher and four assistant teachers conducted the dissection. On completion of dissection of a part, each student was examined on that part and was allowed to take up a further part to dissect on his satisfying the examiner that he had performed the dissection thoroughly. Besides four assistant teachers took practical demonstration classes and weekly examinations throughout the year. Nineteen bodies, all embalmed and injected were dissected by the students. Four sets of human bones, skeletons and few diagrams were added.

**Materia Medica.**—The prescribed course of lecture was delivered by the teacher of the subject. In addition to lectures, tutorial classes were held in batches separately for the 1st and 2nd year students by the senior assistant teacher. Pharmacological demonstrations were given in batches by the 2nd assistant teacher, in which compounding and dispensing of mixtures, lotions, ointments, plasters, pills and suppositories were taught. Considerable additions were made to the museum and the practical class.

**Physiology.**—The Teacher of Physiology delivered the prescribed course of lectures. The three assistant teachers demonstrated under the microscopes histological specimens of the principal organs and tissues the structures of which were explained in a preliminary discourse with the aid of diagrams and drawings and sketches on the black board. In addition to demonstration classes, practical classes were held during the session for instructions in methods of staining tissue section and blood films, estimation of sugar in urine, and in use of clinical instruments, such as sphygmomanometer, haemocytometer, albuminometer, coagulometer, ureometer, etc., periodical examinations were regularly held.

**Medicine.**—The prescribed course of lectures were delivered by the Teacher of Medicine, Dr. U. P. Basu, M.B., F.R.C.P.I. up to September 1941. After he went on leave due to his appointment as the Principal, Medical College, Calcutta, the rest of the lectures were delivered by Capt. S. K. Bose, M.B.; Capt. S. K. Sen, M.B. and Dr. S. K. Mukherji, M.B., M.R.C.P. (Lond.), D.T.M. & H. (Lond.). Clinical demonstrations were given in the wards by the two deputy physicians and the teacher and two other visiting physicians.

Instructions in case taking and writing up of case notes were supervised by the two deputy physicians. Performance of clinical laboratory work was supervised by the clinical pathologist under the supervision of the visiting pathologist.

**Surgery.**—The prescribed course of lectures was delivered by the Teacher of Surgery. The Teacher of Operative Surgery took operative surgery practical classes and the senior house surgeon of the surgical ward assisted him. Clinical instructions were given in the wards by the visiting surgeons as also by the two deputy surgeons. In the surgical side of the Out-patients Department, students were given clinical instructions by the outdoor surgeon. The students attended all operations and acted as surgical dressers in the indoor as well as in the outdoor. The students also assisted at the operations in the indoor. The two deputy surgeons took demonstration classes and gave instructions in minor surgery, bandaging and demonstrations in X-ray plates and instruments.

**Ophthalmic Surgery.**—Special lectures were delivered by the Teacher of Ophthalmic Surgery. Clinical instructions were given in the Ophthalmic ward by the visiting ophthalmic surgeon and also in the eye-outdoor by the deputy ophthalmic surgeon.

**Midwifery.**—The prescribed course of lectures was delivered by the Teacher of Midwifery and Gynaecology. The additional visiting gynaecologist delivered lectures on clinical midwifery. Clinical instructions in the wards were given by the teacher, the additional visiting gynaecologist and the deputy gynaecologist. Students assisted at all labour and gynaecological operations performed in the hospital. Each student was allowed to conduct two labour cases under proper supervision. Students were placed on special duty in rotation on such serious cases as eclampsia, etc. Special lectures were delivered on "Ante-natal care".

**Pathology.**—The prescribed courses of lectures in pathology and bacteriology were delivered by the teacher. The two assistant teachers held in tutorial and demonstration classes regularly. Students examined clinical specimens in the clinical pathological laboratory in the hospital and was assisted by the clinical pathologist and the visiting pathologist. The museum has been improved by addition of a number of specimens. Students were also given demonstrations on museum specimens by the senior assistant teacher. Pathological post-mortems were held in the school morgue. Clinical examinations of the materials from the attached hospital were regularly done at the pathological laboratory. Various samples of the clinical materials, as per list in page 72, from the attached hospital were examined.

**Medical Jurisprudence and Hygiene.**—The prescribed courses of lectures were delivered by the Teachers of Medical Jurisprudence and Hygiene. Students were taken to Palta and Serampore waterworks, Cossipore trenching ground and Corporation Central Disinfecting Station, etc., for practical demonstration purposes by the Teacher of Hygiene. Students were also taken to the All-India Institute of Hygiene Museum and to selected villages and were given demonstrations on rural hygiene and village sanitation. Students attended medico-legal post-mortems in the Campbell Hospital morgue. Students were taught the technique of lumbar puncture, cisternal and ventricular punctures in cerebro-spinal fevers in the meningitis ward by the Teacher of Medical Jurisprudence.

**Vaccination.**—Lymph was supplied by the Corporation of Calcutta and the students received instructions in the Out-patients Department of the attached hospital.

**Hospital practice.**—The senior students were given clinical teaching on cases in the hospital wards both by the teachers and the deputy physicians and surgeons of the attached hospital. In the Out-patients Department, senior students were deputed in batches throughout the year and attended clinics in every section of this department including ophthalmology. They were also given every facility to perform minor operations and to assist in major operations. They were also given facility to diagnose and to give injections. Tutorial teaching was also given to the students in the Out-patients Department by the respective medical officers.

Dr. B. N. Ghosh, M.B., Leprosy Propaganda Officer, Bengal, delivered a series of lectures on leprosy to the senior students of the school.

**X-ray Department.**—The department has been equipped with up to date apparatus. The students were given demonstrations on skiagrams.

### III.—Conduct and attainments of students.

The conduct of the students was on the whole satisfactory and their attendance in the classes and in the wards was good. The details of the number of students are shown in Table A.

### IV.—Admission.

One hundred students were admitted to the 1st year class from amongst all classes and communities and almost from all the districts of Bengal and a few from outside.

### V.—Finance.

The details of the receipts and expenditures for the last two years are given in Table E. The average primary cost per student was Rs. 150 per year.

### VI.—Establishment.

The management and discipline of the school is vested in the Superintendent under the guidance and control of the Executive Committee of the Calcutta Medical Institute.

### VII.—General Notes.

Three scholarships of the value of Rs. 12-8 each per month were awarded to the three students obtaining highest marks in their school test examinations held at the end of the first, second and third year classes. The Teacher of Medicine also awarded one special scholarship of the value of Rs. 5 per month to the best student of the fourth year class.

**Recruitment of passed students in Government service.**—No student was recruited in the service of the Government but several students joined the military service during the year under report.

**Athletic Club.**—The club which is affiliated to the Indian Football Association and Bengal Gymkhana, was well maintained. The students took great interest in competitions and friendly games. They took part in school gymnastic club and practised cricket in an open field within the school compound.

J. C. CHATTERJEE,

*Superintendent,*

*Calcutta Medical School and Hospital.*

CALCUTTA;

*The 15th January 1943.*

The following samples of the clinical materials from the attached hospital were examined in the Pathological laboratory:—

**I. Blood examination—**

1. Total and differential counts	... 1,404
2. Malarial parasites	... 293
3. Aldehyde test	... 143
4. Chopra test	... 127
5. Widal Reaction	... 128
6. Blood Chemistry (sugar, urea, etc.)	... 45
7. Coagulation time	... 527
8. Blood culture	... 71
9. Wassermann Reaction	... 88

**II. Urine Examination—**

1. General Examination	... 812
2. Urine culture	... 123

**III. Stool Examination—**

1. General Examination	... 553
2. Occult Blood	... 10
3. Stool culture	... 8

**IV. Sputum Examination—**

1. General Examination	... 125
2. Culture	... 5

**V. Tissue Section** ... 61

**VI. Other Bacteriological Examinations** ... 120

**VII. Vaccine preparation** ... 161

**VIII. Cerebro-spinal fluid and other examinations** ... 98



## ANNEXURE I.

**List showing the names of the staff of the Calcutta Medical School with their academic qualifications and duties in the School and Hospital, 1941-42.**

Names and academic qualifications.	Duties.	
	In the school.	In the hospital.
1. Dr. J. C. Chatterjee, L. M. S. ..	Superintendent and Teacher of Midwifery (Paid)	Superintendent and Honorary Visiting Gynaecologist.
2. Dr. U. P. Basu, M. B., F. R.C.P. I., (on leave). .. Capt. S. K. Bose, M.B. and Capt. S. K. Sen, offg. ..	Teacher of Medicine (Paid)	Honorary Visiting Physician.
3. Dr. Santiram Chatterjee, L.M.S.	Teacher of Pathology (Paid).	Honorary Visiting Pathologist.
4. Capt. S. Maitra, L.M.S., F.R.C.S.E. ..	Teacher of Surgery (Paid)	Honorary Visiting Surgeon.
5. Dr. B. Mitra, L.M.S. L.R.C.P. (Lond.), M.R.C.S.(Eng.), F.R.C.S.E. ..	Teacher of Operative Surgery (Paid).	Ditto.
6. Dr. G. C. Banerji, M.B., D.O. (Oxon.), D.O.M.S. (Lond.)	Teacher of Ophthalmic Surgery (Honorary).	Honorary Visiting Ophthalmic Surgeon.
7. Capt. S. K. Bose, M.B., I.M.S. (Retd.).	Teacher of Medical Jurisprudence (Paid).	Honorary Visiting Physician.
8. Dr. B. K. Dutt, L.M.F. ..	Teacher of Hygiene (Paid)	....
9. Dr. A. K. De, B.Sc., M.B. ..	Teacher of Physiology (Paid).	....
10. Dr. M. L. Pan, M.B., L.R.C.P (Lond.), M.R.C.S. (Eng.), F.R.C.S.E.	Teacher of Anatomy (Paid)	....
11. Capt. S. K. Sen, M.B. ..	Teacher of Materia Medica (Paid).	Honorary Visiting Physician.
12. Prof. M. Sinha, B.A., F.C.S.	Teacher of Chemistry (Paid)	....
13. Prof. G. C. Bhattacharyya, M.Sc.	Teacher of Physics (Paid)	....
14. Dr. S. K. Gupta, M.B. ..	Takes Clinical Midwifery classes.	Honorary Visiting Gynaecologist.
15. Dr. S. K. Sen, M.B. ..	Assistant Teacher of Pathology (Paid).	....
16. Dr. R. N. Bhattacharyya, M.B.	Ditto	....
17. Rai Sahib Dr. S. Chatterji B.Sc., M.B.	Assistant Teacher of Materia Medica (Paid).	....
18. Dr. S. C. Mukherji, L.M.F. ..	Ditto ..	....
19. Dr. B. K. Bose, M.B. ..	Assistant Teacher of Anatomy (Paid)	....
20. Dr. A. D. Mukherji, L.M.F. ..	Ditto ..	....
21. Dr. A. P. Mullick, L.M.F. ..	Ditto ..	....
22. Dr. J. N. Nandi, L.M.F., M.B.	Ditto ..	....
23. Dr. K. C. Chakraborty, L.M.F., F.S.M.F.	Assistant Teacher of Physiology (Paid).	....
24. Dr. U. P. Ghoshal, L.M.F. ..	Ditto ..	....
25. Dr. B. B. Roy, L.M.F. ..	Ditto ..	....
26. Dr. B. C. De, B. Sc. (Hon.) ..	Assistant Teacher of Physics and Chemistry (Paid).	....

(All are part-time workers.)

**TABLE A.**  
**Statement showing the attendance of students of the Calcutta Medical School during the year 1941-42 and the previous year.**

Session.	1	2	3	4	5	6	Left, died, etc., during the year.										15	16	17	18
							Remained in the rolls from the previous year.	Admitted during the year.	Re-admitted during the year.	Admitted on transfer from other medical schools.	Total.	Left school after having passed final examination.	Removed for absence without leave.	Removed for non-payment of school fees.	Reserved for failure at the Text Examination.	Removed or runicated for misconduct.				
1940-41.	..	302	99	9	4	41	32	..	25	5	..	..	9	..	71	342	382.3	373.7		
Male	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Female	..	2	1	..	..	3	..	..	..	..	..	..	..	1	1	2	2.25	2.25		
1941-42.	..	342	100	5	3	452	44	..	68	5	..	..	6	..	121	331	371.6	353.5		
Male	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Female	..	2	..	..	..	4	..	..	..	..	..	..	..	..	1	3	2.7	2.7		

TABLE B.

**Classification of students according to religion and nationality taught in and passed out during the year 1941-42 from the Calcutta Medical School.**

Classification.	Total number of students taught during the year, i.e., the number remaining from the previous year and the number admitted during the year.		Number passed out during the year in the Final Examination as L.M.F. or Final Licentiate'ship Examination of the State Medical Faculty of Bengal.	
	Male.	Female.	Male.	Female.
1	2	3	4	5
Religion :—				
1. Indian Christian .. ..	..	..	..	..
2. Hindu—				
Brahmin .. ..	161	2	10	..
Non-Brahmin .. ..	279	2	34	..
3. Brahmo .. ..	3	..	..	..
4. Mahomedan .. ..	9	..	..	..
5. Chinese .. ..	..	..	..	..
Total .. ..	452	4	44	..
Nationality :—				
1. Bengalcees .. ..	449	4	43	..
2. Chinese .. ..	..	..	..	..
3. Nepalese .. ..	1	..	1	..
4. Madrassese .. ..	2	..	..	..
Total .. ..	452	4	44	..

TABLE C.

**Classification according to preliminary general education of the students admitted during the year 1941-42 and the previous year in the Calcutta Medical School.**

Classification.	Hindus.		Mahomedans		Christians.		Others.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1	2	3	4	5	6	7	8	9
1940-41.								
B.A. or B.Sc. .. ..	..	..	..	..	..	..	..	..
I.A. or I.Sc. .. ..	11	..	..	..	..	..	..	..
Matriculation .. ..	91	1	4	..	..	..	..	..
School Final, etc. .. ..	1	..	..	..	..	..	..	..
1941-42.								
B.Sc. .. ..	1	..	..	..	..	..	..	..
I.A. or I.Sc. .. ..	15	..	2	..	..	..	..	..
Matriculation .. ..	87	2	..	..	..	..	..	..
School Final, etc. .. ..	5	..	..	..	..	..	..	..



TABLE E.

Showing income and expenditure of the Calcutta Medical School during the year 1941-42 and the previous year.

Heads of receipts.	Income.				Heads of expenditure.	Expenditure.			
	1940-41. 2	1941-42. 3	Increase. 4	Decrease. 5		1940-41. 7	1941-42. 8	Increase. 9	Decrease. 10
	Rs.	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
Fees and fines ..	58,815	56,801	..	14	Establishment ..	31,945	31,673	..	272
Miscellaneous ..	6,451	7,986	(a) 1,535	..	Hospital fees (contribution for maintenance of the attached hospital).	15,000	15,000	..	..
Opening balance ..	3,611	4,920	1,309	..	Practical charges ..	2,014	1,405	..	(c) 606
					Miscellaneous ..	6,207	6,570	(b) 463	..
					Gas and Electricity ..	734	716	..	18
					Furniture ..	259	346	87	..
					Instrument and appliances ..	403	270	..	133
Total	69,877	69,707	2,844	14		56,562	56,053	550	1,029

(a) Increase is due to more miscellaneous collections during the year.

(b) Increase is due to high costs of articles purchased.

(c) Decrease is due to less chemicals purchased during the year.

J. C. CHATTERJEE,  
Superintendent, Calcutta Medical School,

## Annual Report of the Bankura Sammilani Medical School for the year 1941-42.

### I.—Building and accommodation.

(A) An obstetrical ward with special arrangement for ante-natal observation and with separate accommodation for eclampsia cases has been constructed this year for accommodation of ten patients at a cost of Rs. 3,500.

(B) A separate row of eight cottages has been built this year for accommodation of eight paying patients. Provision has been made for separate kitchen and separate compound for each cottage. The cost of construction is Rs. 9,000.

(C) An up-to-date X-ray plant for diagnostic purposes has been installed in a separate room on the ground floor of the Koley Building. Complete arrangement for developing plates has also been provided for. The total cost for the purpose has been Rs. 10,000.

(D) Electrification of the hospital has been felt necessary for a long time and has been completed this year at a cost of Rs. 2,000.

(E) Construction of an up-to-date dissection hall has been taken up this year within the hostel compound and is expected to be completed before the next winter. The cost is expected to be Rs. 12,000.

(F) At a cost of Rs. 500 better arrangement for the lecture and demonstration classes within the school building has been completed during the year. Galleries have been provided in the lecture classes.

(G) Electrification of the hostel building has also been completed this year at a cost of Rs. 1,500.

### II.—Teaching and equipment.

(A) **Department of Chemistry and Physics.**—The department is well-equipped and the teaching in the subjects is quite satisfactory. Two Professors of the local College are in charge of teaching the subjects. Prof. A. Haldar, M.Sc., the Teacher of Chemistry, delivered 51 lectures while Prof. A. Choudhury, M.Sc., the Teacher of Physics, delivered 52 lectures to the students of the 1st year class throughout the year under report.

Mr. Hara Gobinda De, B.Sc., has been appointed as a Demonstrator of Physics and Chemistry in place of Mr. S. Misra, resigned. He held 26 demonstration and practical classes of Physics and 36 of Chemistry for each batch of the 1st year students.

Master Amarendra Nath Banerjee passed the Primary Licentiate Examination of the State Medical Faculty of Bengal in May 1942 with distinction.

(B) **Department of Anatomy.**—The department was under the charge of Dr. P. De, M.B., the Teacher of Anatomy, assisted by a staff of one second teacher Dr. P. Banerjee, M.B., and two demonstrators, Dr. K. Karmakar, B.A., L.M.F., and Dr. J. Chakrabarty, L.M.F. The number of students on the roll during the period was 174 distributed as follows:—

1st year—		
(a) Regular students	...	66
(b) November students	...	23
2nd year—		
(a) Regular students	...	50
(b) November students	...	35
Total	...	174

Apart from the prescribed course of lectures delivered by the teacher in charge of the department and the second teacher, average number of 50 demonstrations for each batch mainly in osteology were given to the

students in the course of summer term (July to October) according to the following programme:—

- (1) The first year regular students were divided into three batches each batch containing 21 to 22.
  - (2) The first year November students were put in one batch.
  - (3) The second year regular students were divided into two batches.
  - (4) The second year November students were divided into two batches.
- Thus making altogether 8 batches (3-1-2-2) allotted to two demonstrators and to the Teacher of Anatomy requiring three hours' demonstrations a day for each demonstrator and two hours for the teacher in charge. The demonstration classes for November batch of students both of the 1st and 2nd year classes comprised also of demonstration in soft parts and surface markings.

The five months of the winter session (November to April) were utilised for dissection from 10 a.m. to 1-30 p.m. daily on working days. The total numbers of students on the roll during the session was 75 in the 1st year and 99 in the 2nd year classes.

Altogether 22 bodies were dissected by the students of the 1st year and 2nd year classes. The teachers and demonstrators conducted the dissection. On completion of dissection of a part of each student was examined on that part and was also allowed to take up a further part to dissect on satisfying the examiner that he had performed the dissection thoroughly. Besides, the teacher and demonstrators took practical demonstration classes and weekly examinations regularly.

Tutorial classes were also taken by the teacher in charge for one hour daily for the examinee batch during the month of October and April.

Twenty-six dead bodies were available during the session which were properly injected and of which 22 were used for dissection, 3 for holding practical examination and 1 for operative surgery classes.

About 8 new specimens were made during the year.

(C) **Department of Physiology.**—The department was under the charge of Dr. K. P. Banerjee, M.B., the Teacher of Physiology assisted by a staff of one second teacher Dr. L. N. Das, M.Sc., M.B., and one demonstrator Dr. R. Tewari, L.M.F. The students were given the usual course of instruction prescribed by the Faculty Regulations, supplemented by additional lectures, demonstrations and practical classes as were found necessary for proper instruction for them. Thus a course of 103 (53 more than the prescribed course of 50) lectures were delivered by the teachers concerned and a course of 42 demonstration and practical classes for each batch of students for the 2nd year and 51 demonstration and practical classes for each batch of the 1st year class were held as against 25 demonstrations only as required under the Faculty Rules. The students were divided into batches of 4 of the 2nd year and 4 of the 1st year class each for demonstration and practical classes which were attended by the 2nd teacher and the demonstrator. In the demonstration classes were exhibited under the microscopes, histological specimens of the principal organs and tissues, the structure of which was explained in a preliminary discourse by the demonstrators with the aid of drawing and sketches on the black board. The duration of a class was 45 minutes and those held for the 1st, and 2nd year students were taken separately. Each student was required to draw in a special exercise book, diagrams of typical specimens viewed under the microscopes. In addition to the demonstration classes, practical classes of 45 minutes duration each were held during the session for instruction in methods of staining tissue section, blood films, estimation of sugar in urine, and in use of commoner instruments, such as sphygmometer, haemocytometer, albuminometer, coagulometer, ureometer, urinometer, etc.

(D) **Materia Medica and Pharmacy.**—The prescribed course of lecture was delivered to the students of the 1st and 2nd year class by Dr. K. K.

**Mitra, L.M.S.**, teacher of the subject. The number of students on the roll during the session was 166 of whom 75 were students of the 1st year and 91 of the second year classes.

In addition to the lectures, tutorial classes were held in batches separately for the 1st and 2nd year students there being 22 students of the 1st year and 25 students of the 2nd year in each batch.

The practical Pharmacy classes for the 1st and 2nd year students were held from July 1941 to March 1942. The students were divided into eight batches of 22 to 24 students in each. The classes were taken by **Dr. B. Ghosh, L.M.F.**, demonstrator of the subject in which compounding and dispensing of mixtures, lotions, ointments, plasters, pills and suppositories were taught.

The department is well equipped with drugs and specimens and the museums are suitably arranged for proper teaching and are fully utilised by the students.

Master Nihar Ranjan Mukherjee passed the Intermediate Licentiate Examination of the State Medical Faculty of Bengal in May 1942 in *Materia Medica* with distinction.

(E) **Department of Pathology.**—The department is under the charge of **Dr. R. Mukherjee, M.B., D.P.H.**, Teacher of Pathology assisted by a staff of 2nd teacher **Dr. H. P. Mukherjee, M.B.**, and a demonstrator **Dr. S. Mukherjee, L.M.F.** The number of students on the roll during the session was 60. A course of 40 lectures on Pathology and Bacteriology was delivered by the teacher and a course of 40 demonstrations and practical classes were held for students for each batch of the 4th year class and 18 for each batch of the 3rd year class. The number of post-mortem held during the year was 8 only which were attended by the students of the 3rd and 4th year classes. Museums demonstrations were given to the students of the 4th year class by the teacher of the department.

Seven hundred and forty-two Laboratory examinations for the hospital patients and 672 for the public were carried out during the year, the statement of which is given below :—

	For hospital.	For public.	Total.
(a) Blood Examination	... 211	265	476
(b) Urine Examination	... 403	205	608
(c) Stool Examination	... 73	114	187
(d) Miscellaneous Examination	... 55	88	143
Total	... 742	672	1,414

A progressive increase, year by year in the number of laboratory examinations carried out by the department for the hospital and for the public was throwing a considerable strain on the small staff of the department to cope fully with the dual requirements of teaching and of analysis works. So the appointment of a technician, **Dr. S. Mukherjee, L.M.F.**, was necessary from December 1941.

(F) **Department of Medicine.**—The department was under the charge of **Dr. D. Gupta, B.Sc., M.B.**, Teacher of Medicine as well as Physician to the attached hospital who delivered a course of 59 lectures to the students of the 3rd and 4th year classes.

Clinical demonstrations were given in the wards daily throughout the year by the teacher and other Physician **Dr. R. Mukherjee, M.B., D.P.H.**

Tutorial classes of students were taken for one hour in the evening by the senior House Surgeon, **Dr. R. Barat, L.M.F.**, attached to the wards. The writing up of case notes and performance of clinical laboratory work were supervised by the Senior House Surgeon.

In the wards, the students were taught the methods of physical examination, laboratory examination, application of clinical instruments and interpretation of radiograms, required for arriving at the correct diagnosis and prognosis of a case. They were taught also the elements of practical



therapeutics and the procedure to be observed in the following up of a case.

(G) **Hygiene (Preventive Medicine).**—The department was under the charge of Dr. S. Sinha, M.B., D.P.H., Teacher of Hygiene, who is also the Health Officer of the local district board. He delivered 34 lectures to the 3rd and 4th year students. Six models at a cost of Rs. 561 were purchased during the year and were made use of by the lecturer for demonstration to the students. Fourteen practical field demonstrations were held and were attended by the students who appeared at the Final Licentiate Examination. The demonstrations were carried out by the teacher concerned and included visits to waterworks, disinfecting stations, vaccination, milk supply and installation for destruction of refuse by burning, etc.

(H) **Medical Jurisprudence.**—The subject was taught by Dr. H. Das Gupta, L.M.F., the Teacher of Medical Jurisprudence, who delivered 33 lectures to the 3rd and 4th year students. Sixteen medico-legal post-mortems were held during the year which the students had the opportunity of witnessing.

(I) **Department of Surgery.**—The department was under the charge of Dr. A. Roy, M.B., the Teacher of Surgery as well as Surgeon to the attached hospital. He delivered 78 lectures to the 3rd and 4th year students during the year. Thirty-seven practical classes in operative surgery were held by the teacher and tutorial classes by the senior house surgeon, Dr. N. C. Roy, L.M.F. Clinical instructions were given in the outpatients Department and in the ward. In the latter section the students were required to act as surgical dressers and also to attend all operations performed by the surgeon-in-charge.

(J) **Ophthalmic Surgery.**—Dr. H. Kundu, M.B., B.S., who is the Teacher of Ophthalmic Surgery as well as Eye Surgeon on the attached hospital delivered 25 lectures to the students. The total number of beds available during the year for treatment of eye cases was 5, besides as many of the 34 cottages and 6 paying beds, as necessary. All varieties of cases including severe conjunctivitis, special type of corneal ulcers, diseases of the lens ciliary body, etc., were admitted for teaching purposes and treated. The cases of the wards were distributed amongst the students for examination and following up their treatment and progress. The student in charge of a case was required to help in the operation with the hammer lamp to illuminate the eye so that he could see every step of the process well. During and after operation the steps were explained to him as well as to the other students of the ward and the students concerned was required to write the operation notes.

(K) **Obstetrical and Gynaecological Section.**—The department was under the charge of Dr. R. Banerjee, B.Sc., M.B., F.S.M.F. (Bengal), the Teacher of Midwifery as well as Gynaecologist to the attached hospital. He delivered 66 lectures on obstetrics and gynaecology to the students. The number of beds available in the section was 19 besides 34 paying beds most of which were always occupied by the obstetrical and gynaecological cases. The students were detailed for duty in wards in batches at a time for a period of three months and they were required to follow the cases from the date of admission to the date of discharge. Mechanism of labours (normal and abnormal) uses and applications of commoner obstetrical instruments were demonstrated on the dummy regularly to the students. They attended 150 labour cases of which 73 normal and 77 abnormal.

Dr. P. Banerjee, M.B., the 2nd gynaecologist helped the senior gynaecologist in operations along with the students who were also given the facility of assisting in operations.

(L) **Hospital Training.**—The hospital attached to the school treated 1,823 indoor patients during the year under report with a daily average of 81.49 and it treated 10,006 outdoor patients. The students were also

detailed to duty to the local Sadar Hospital containing 36 beds where the school authorities have appointed a doctor to deliver bedside clinics.

In the Out-patients Department senior students were deputed in batches throughout the year and attended clinics in every section of this department including ophthalmology. They were given every facility to perform minor operations. Taking up of cases was regularly taught to the students in the Out-patients Department by the respective medical officers.

(M) **X-ray.**—Dr. L. N. Das, M.Sc., M.B., was in charge of the department. This has improved the teaching of medicine and surgery considerably; nearly every plate taken is demonstrated to the students.

### III.—Conduct and attendance of students.

The conduct and attendance of students was on the whole satisfactory and their attendances in classes and in the wards were good. Details of attendance are given in Table "A".

### IV.—Admission.

Sixty-six students were admitted in the 1st year class and 8 were re-admitted to the different classes during the year, the details of which are given in Table "C".

### V.—Finance.

Details of receipts and expenditures with those of the previous year are given in Table "E".

The causes of increases and decreases of income and expenditure in comparison with those of the previous year, are stated at foot of the Table "E".

The average primary cost per student educated was Rs. 253-11-3 for the school and for the school and hospital Rs. 353-7 only.

### VI.—General Notes.

**Scholarship.**—The scholarship of value of Rs. 10 per month known as Rai Radha Gobinda Choudhury Bahadur Scholarship was awarded to Master Nihar Ranjan Mukherjee who obtained the highest marks amongst the students of this institution who appeared at the Primary Licentiate Examination held in May 1941.

**Inspection.**—The school was inspected by the Inspection Committee of the Bengal Council of Medical Registration consisting of Dr. M. N. Bose, Dr. D. Ahmed, Dr. K. S. Roy and Dr. A. D. Mukherjee in January 1942.

Dr. Shyamaprasad Mukherjee very kindly visited the school and the hospital during the year under report.

**Athletic Club.**—The club has been well maintained and the students took great interest in competition and friendly games. The students played football in the ground of its own within the hostel compound. They also played tennis, badminton, etc.

**Hostel Accommodation.**—The school hostel accommodates 150 students under the supervision of the hostel warden Dr. R. Barat, L.M.F. and Mr. H. De, B.Sc. The messing of the students was controlled by the students themselves while the general disciplinary control was in the hands of a Committee consisting of teachers.

**Library.**—The school has got a library which is equipped with necessary books and journals.

The staff worked honestly, faithfully and in co-operation.

### VII.—Establishment.

Dr. R. Banerjee, B.Sc., M.B., F.S.M.F. (Bengal), held the charge of the office of the Superintendent throughout the year under report.

Dr. R. Barat, L.M.F., has been given the charge of scrutinising bills in place of Dr. L. N. Das, M.Sc., M.B., Asst. Superintendent, who has been deputed with the charge of X-ray Department from October 1941.

Mr. Haragobinda De, B.Sc., was appointed as a demonstrator of Physics and Chemistry, assistant warden of the attached hostel and librarian from December 1941 vice Mr. S. Misra, M.Sc., resigned.

Dr. S. Mukherjee, L.M.F., was appointed as assistant to the Pathologist from December 1941.

Appointment of Dr. S. Banerjee, M.B., as a bio-chemist has been newly created from December 1941.

Dr. K. De, M.B., has been appointed as a medical officer of the Surgical Outpatient Department of the attached hospital.

Babu Bholanath Das holds the charge of the office as a head clerk and accountant throughout the year under report.

#### Students.

1. Sex of students—Male 246.
2. Maximum number of new students admitted annually—During the year 1941-42, new admission was 66.
3. Age-limit, high and low for students on admission into a medical school—There is no age-limit for admission into this institution but the students must be above 16 years of age on the 1st day of the month in which they will have to appear for the Primary Licentiate Examination.
4. Standard of general qualification (education) required on admission to the school—Matriculation or its equivalent is the minimum standard.

#### Examination.

1. Name of the examiners at each of the examination.
2. By whom appointed and for how long at a time—The examiners are appointed by the Governing Body of the State Medical Faculty of Bengal for every six months at a time.
3. Percentages of marks required at each examination—40 per cent. in written and 40 per cent. in oral and practical examination.
4. Proportion of students who took all the subjects at the Final Examination—68.18 per cent.

#### Financial.

1. Cost to the body responsible for the school per student per annum in school—The average cost per student per annum was Rs. 253-11-3 for the school and for the school and hospital Rs. 353-7 only.
2. Percentage of students paid for by—
  - (a) Government—Nil.
  - (b) Local bodies or other agencies—1.94 per cent.
  - (c) Privately by guardians—98.06 per cent.

#### Equipments.

1. Number of sanctioned beds in the attached hospital and average daily number of inpatients—126 and daily number of inpatients—81;49.
2. Average number of confinement cases during the last three years:—

Year	Normal	Abnormal	Total
1939-40	... 50	51	101
1940-41	... 62	67	129
1941-42	... 73	77	150

3. Number of microscopes allotted for the personal use of the students in teaching—

(a) Physiology	... 12
(b) Pathology	... 5
Total	... 17

RAMGATI BANERJEE, B.Sc., M.B., F.S.M.F. (Bengal),

Superintendent,

Bankura Sammilani Medical School.

BANKURA;

The 10th November 1942.

## ANNEXURE 1.

List showing the names of the staff of the Bankura Sammilani Medical School, Bankura, with their academic qualifications and duties in the school and the attached hospital.

Serial No.	Name and academic qualifications.	Duties—		Remarks.
		In the school.	In the hospital.	
1	Dr. Ramgati Banerjee, B.Sc., M.B. (Gold Medalist), F.S.M.F. (Bengal).	Superintendent, Teacher of Midwifery and Gynaecology.	Superintendent, Medical Officer, Surgical, Obstetrical and Gynaecological (In-patients Department).	
2	Dr. Anath Bandhu Roy, M.B. (Gold Medalist).	Teacher of Surgery ..	Medical Officer, Surgical Ward.	....
3	Dr. Durgadas Gupta, B.Sc., M.B.	Teacher of Medicine ..	Medical Officer, Medical Ward.	....
4	Dr. Ramranjan Mukherjee, M.B. (Medalist), D.P.H.	Teacher of Pathology	Ditto ..	Does the Pathological and Bacteriological work in the school.
5	Dr. Harprasanna Mukherjee, M.B.	2nd Teacher of Pathology.	Medical Officer, Out-patients Department, Medical Section.	Ditto.
6	Dr. Sisir Kumar Sinha, M.B., D.P.H.	Teacher of Hygiene ..	Nil ..	.....
7	Dr. Haridas Gupta, L.M.F.	Teacher of Medical Jurisprudence.	Nil ..	....
8	Dr. Harsha Gopal Kundu, M.B., B.S.	Teacher of Ophthalmology.	Medical Officer, Eye Ward (both Indoor and Outdoor Department).	....
9	Dr. Kali Krishna Mitra, L.M.S.	Teacher of Materia Medica.	Nil ..	.....
10	Dr. Kallipada Banerjee, M.B. (Gold Medalist).	Teacher of Physiology	Nil ..	....
11	Dr. Lakshminarayan Das, M.B., M.Sc. (Gold Medalist).	2nd Teacher of Physiology.	Radiologist ..	Assistant Superintendent.
12	Dr. Phanindra Nath De, M.B.	Teacher of Anatomy	Resident Medical Officer.	....
13	Dr. Parvatiaranjan Banerjee, M.B.	Ditto ..	Medical Officer, Gynaecological Ward (Out-patients Department) and 2nd Gynaecologist.	....
14	Prof. Abala Kanta Choudhury, M.Sc. (Gold Medalist).	Teacher of Physics ..	Nil ..	....
15	Prof. Anath Nath Haldar, M.Sc.	Teacher of Chemistry	Nil ..	....
16	Dr. Keshab Chandra Karmakar, B.A., L.M.F.	Demonstrator of Anatomy.	Nil ..	....
17	Dr. Jamini Kanta Chakrabarty, L.M.F.	Ditto ..	Nil ..	....
18	Dr. Bholanath Ghosh, L.M.F.	Demonstrator of Materia Medica.	Nil ..	....
19	Dr. Ratiranjan Tewari, L.M.F.	Demonstrator of Physiology.	Nil ..	Assists the Pathologists in the Pathological and Bacteriological work in the School Laboratory.
20	Dr. Sudhanshu Sekhar Mukherjee, L.M.F.	Demonstrator of Pathology.	Nil ..	Ditto.
21	Dr. Sudhindra Ch. Banerji, M.B.	Biochemist ..	Nil ..	....
22	Mr. Bala Gobinda De, B.Sc.	Demonstrator of Physics and Chemistry.	Nil ..	....
23	Dr. Kshudiram De, M.B. ..	Nil ..	Medical Officer, Surgical Section (Out-patient Department).	....
24	Dr. Ram Narayan Barat, L.M.F.	Nil ..	Senior House Physician	In charge of the Clinical Laboratory in the hospital.
25	Dr. Narayan Chandra Roy, L.M.F.	Nil ..	Senior House Surgeon	He is in addition Assistant Resident Medical Officer in the hospital.
26	Dr. Sanatan Dutta, L.M.F.	Nil ..	Senior House Surgeon (Gynaecological Section).	....



TABLE B.

Statement showing the classification of students according to religion and nationality taught in and passed out of the Bankura Sammilani Medical School, Bankura, during the year 1941-42.

Classification.	Total number of students during the year, i.e., the number remaining from the previous year and the number admitted during the year.		Number passed out during the year in the Final Examination as L. M. F. or Final Licentiate Examination of the State Medical Faculty of Bengal.	
	Male.	Female.	Male.	Female.
<b>Religion—</b>				
1. Indian Christian ..	1	..	..	..
2. Hindus .. ..	240	..	20	..
3. Mahammadans ..	3	..	..	..
4. Sikhs .. ..	2	..	..	..
Total ..	246	..	20	..
<b>Nationality—</b>				
1. Bengalees ..	210	..	17	..
2. Biharis .. ..	31	..	1	..
3. Punjabis ..	5	..	2	..
Total ..	246	..	20	..

TABLE C.

Classification according to preliminary general educational qualification of the students during the year 1941-42 and the previous year in the Bankura Sammilani Medical School, Bankura.

Classification.	Hindus.		Muhammadans.		Christians.		Others.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
<b>I. Sc.—</b>								
1940-41 ..	1	..	..	..	..	..	..	..
1941-42 ..	1	..	..	..	..	..	..	..
<b>Matriculation—</b>								
1940-41 ..	73	..	1	..	..	..	..	..
1941-42 ..	71	..	1	..	1	..	..	..



TABLE

## Statement showing the income and expenditure of the Bankura Sammilani

Heads of receipts.	Income.			
	1940-41.	1941-42.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.
Opening balance .. ..	10,848	30,264	(a)19,416	..
Fees and fines .. ..	26,434	26,243	..	(b)191
Faculty fees .. ..	4,626	3,941	..	(c)685
Municipal grant .. ..	1,125	1,125	..	..
District Board grant .. ..	1,200	1,200	..	..
Miscellaneous .. ..	15,958	23,099	(d)7,141	..
Reserve Fund, etc. .. ..	20,090	..	..	(e)20,090
Grand Total .. ..	80,281	85,872	26,557	20,966

- (a) Due to more balance in the previous year for adding the Reserve Fund, etc.  
 (b) Due to less number of students and less fine realised.  
 (c) Due to less number of students appeared at the Faculty Examinations.  
 (d) Due to inclusion of cash certificates after encashing them and light charge imposed.  
 (e) Due to inclusion of Reserve Fund, etc., in the previous year.



E. •

**Medical School, Bankura, during the year 1941-42 and the previous year.**

Heads of expenditures.	Expenditures.			
	1940-41	1941-42.	Increase.	Decrease.
	Rs.	Rs.	Rs.	Rs.
Contingency .. ..	4,529	6,787	(a)2,258	..
Electrification .. ..	..	2,485	(b)2,485	..
Books and journals .. ..	227	1,132	(c)905	..
Faculty fees .. ..	4,610	3,933	..	(d)677
Establishment charge .. ..	16,393	16,071	..	(e)322
Furniture .. ..	21	434	(f)413	..
Scholarship .. ..	120	90	..	(g)30
Taxes and house rents .. ..	994	974	..	(h)20
Building and repairs .. ..	3,247	1,445	..	(i)1,802
Provident Fund .. ..	2,339	3,692	(j)1,353	..
Contribution towards hospital .. ..	17,537	19,021	(k)1,484	..
Total expenditure .. ..	50,017	56,064	8,898	2,861
Closing balance .. ..	30,264	29,808	..	456
Grand Total .. ..	80,281	85,872	8,898	3,307

(a) Due to more expenditures in the heads.

(b) Due to the work of electrification of the hostel taken in hand during the year.

(c) Due to more books purchased during the year.

(d) Due to less number of students appeared at the Faculty Examination.

(e) Due to non-payment of salaries of some teachers in the year.

(f) Due to more furniture purchased during the year.

(g) Due to non-payment of the scholarship for the last quarter in the year.

(h) Due to less tax payable for the year.

(i) Due to less expenditures in the head.

(j) Due to refund of Provident Fund money to the employees.

(k) Due to payment of instalment for purchase of X-ray apparatus and of building construction.

**RAMGATI BANERJEE, B. SC., M. B., F. S. M. F. (Bengal),***Superintendent, Bankura Sammilani Medical School.*

# Annual Report of the Jatiya Ayurbijnan Vidyalaya of the National Medical Institute, Calcutta, for the year 1941-42.

## I.—Building and accommodation.

*(Session beginning in July 1941, ending in June 1942.)*

For the purpose of holding lectures for laboratories, dissection and for administration, the accommodation in the existing school building is ample. Besides two big lecture halls, there is an examination hall, which, however, is used as the reading room while the examinations are not on. A room has been given to the students to be used as their common room. There are servants' quarters though not sufficient to accommodate all the menial staff. The school building with its playground and other open spaces covers 9 bighas of land.

The premises of the Chittaranjan Hospital also cover an area of 13 bighas of land and have room for 167 beds *plus* quarters for the nursing staff and some menials. The national infirmary (at 189, Manicktalla Main Road) attached to this institution now accommodates 75 patients of whom 40 are for T.B. patients. It has got 4 blocks besides menials' quarters.

## II.—Teaching and equipment.

More than the prescribed courses of lectures and practical classes were held in all the subjects. The number of classes and demonstrations held was as follows:—

### (a) Physics and Chemistry.

	Lectures.	Practical Demonstrations.
Physics	... 63	91
Chemistry	... 55	100

There were two teachers and an assistant.

### (b) Anatomy Department.

The number of classes and demonstrations held was as follows:—

The 1st year and the 2nd year students were given 56 and 54 lectures, respectively, of which 11 lectures were delivered combinedly. Total number of students who attended practical classes were 137. Regular students were divided into 8 batches; 5 for the 1st year, 3 for the 2nd year. Total number of demonstration lectures delivered by the demonstrators were 556. Twenty-three bodies were dissected during the year under review. The Professor was assisted by one Associate Professor and 5 demonstrators.

### (c) Physiology Department.

Eighty-eight lectures were delivered to the 2nd year regular batch, 52 to the 1st year regular and 30 and 32 to the irregular batches.

Regular 1st year class was divided into 5 batches and the regular 2nd year into 3 batches. Each batch of the 1st year class was benefited by 27 demonstration classes. Altogether 217 demonstration classes were held by the demonstrators.

### (d) Materia Medica Department.

One hundred systematic lectures were delivered by the Professor-in-charge during the year with the assistance of the Associate Professor to the 1st and 2nd year classes. Altogether 375 demonstration classes were held by the demonstrators.

Tutorial classes and practical examination were regularly held. The museum contains more than 400 important specimens.

**(e) Pathology and Bacteriology Department.**

Sixty-six systematic lectures were delivered by the Professor-in-charge during the year. The 3rd and 4th year students received altogether 235 demonstration lectures. Number of post-mortem done during the year was 56 against 48 in the previous year. The total number of Pathological, Bacteriological and Serological work done in the year was 571 against 1,127 in the previous year (excluding the work done in the clinical room of the Chittaranjan Hospital).

**(f) Medicine Department.**

The Professor-in-charge with his Associate Professor delivered 96 lectures. Tutorial classes were also regularly held. The tutor gave regular instruction in case taking and in physical diagnosis. Medical Officer attached to the outdoor and the junior visiting staff of the national infirmary also helped in giving students elementary instruction in physical diagnosis. Moreover, regular bedside clinics were given by the Professor-in-charge and his Associate Professor and other physicians attached to the Chittaranjan Hospital.

**(g) Surgery Department.**

The Professor-in-charge with his Associate Professor delivered 68 lectures and tutorial classes, in batches, were held 76 times. Besides these, 12 lectures in ophthalmic surgery and 5 V.D. lectures were held. The tutor also taught the students bandaging and minor surgery. Forty operative surgery classes were held. Regular instructions were given in administration of anaesthetics. Clinics were given regularly by the Professor, Associate Professor and other surgeons attached to the Chittaranjan Hospital. Instructions were given in ophthalmology and diseases of ear, nose and throat.

**(h) Midwifery and Gynaecology Department.**

Ninety-five lectures were delivered in midwifery, Gynaecology and pediatrics by Professor-in-charge and Associate Professor. The tutorial classes met 50 times. Regular clinics were given by the Professor and Associate Professor, in the Indoor and Ante-natal Outdoor.

**(i) Medical Jurisprudence and Hygiene Department.**

The teachers besides delivering more than the prescribed course of lectures, held special demonstration classes and took students outside for special demonstrations. Medico-legal post-mortems were witnessed by the student at the Police Morgue, Calcutta.

**(j) Hospital Training.**

Instructions on diseases including eye, ear, nose and throat were imparted in the outdoor and the indoor of the Chittaranjan Hospital. Moreover, the students attend the Venereal Hospital at Alipore regularly. The two hospitals attached to the National Medical Institute are:—

1. Chittaranjan Hospital containing 167 beds.
2. National Infirmary at Manicktolla containing 75 beds.

Number of labour cases treated at the Chittaranjan Hospital was 307 against 382 in the previous year.

There is a special Tuberculosis Outdoor Department attached to the Chittaranjan Hospital where the Tuberculosis Association of Bengal has been given quarters. Total number of cases attending the T.B. outdoor was 622 of which 400 cases were new.

**(k) Conduct and Attendance of Students.**

Conduct has been satisfactory; so also is the percentage of attendance. The results of various examinations under the State Medical Faculty were fairly satisfactory.

**(l) Finances.**

Financial condition of the school is satisfactory (*vide* Table E attached elsewhere). Average primary cost per student is approximately Rs. 369 against Rs. 343 last year.

**(m) Establishment.**

Dr. Sundari Mohan Das, M.B., was the Principal and Dr. S. C. Sen Gupta, M.D., F.R.C.S. (Edin.), and Dr. K. S. Ray, M.A., B.Sc., M.B., Ch.B. (Edin.) were the two Honorary Secretaries, on whom the management of the Institute was vested under the guidance and control of the Executive Committee.

**(n) Teaching Staff.****Medicine—**

Dr. S. C. Sen Gupta, M.D., F.R.C.S. (Edin.), Professor-in-charge.  
 Dr. D. R. Dhar, M.B., M.R.C.P. (Lond.), D.T.M. (Cal.), Associate Professor.  
 Dr. A. K. Sen, M.B., Tutor of Medicine.  
 Dr. N. Mallick, L.M.F., Assistant Clinical Tutor.

**Surgery—**

Dr. K. S. Ray, M.A., B.Sc., M.B., Ch.B. (Edin.), Professor-in-charge.  
 Dr. S. N. Chatterjee, M.B., Associate Professor.  
 Dr. J. N. Mazumdar, M.Sc., M.B., M.R.C.S. (Edin.), F.R.C.S. (Edin.), Clinical Tutor of Surgery.  
 Dr. P. C. Sannyal, M.B., F.R.C.S. (Lond.), Assistant Professor.  
 Dr. M. L. Mukherjee, L.M.F., Assistant Clinical Tutor.

**Midwifery and Gynaecology—**

Dr. S. Das, M.B. (Professor-in-charge).  
 Dr. H. N. Roy, M.B., M.R.C.O.G. (Lond.), Associate Professor.  
 Dr. A. K. Acharya, M.B., D.C.O.G. (Lond.), D.G.O., L.M. (Dub.), M.R.C.S., L.R.C.P., Clinical Tutor.  
 Dr. A. Paul, L.M.F., L.M. (Dub.), Assistant Clinical Tutor.

**Medical Jurisprudence—**

Capt. S. K. Bose, M.B., I.M.S. (Retd.), Professor-in-charge.

**Hygiene—**

Dr. L. M. Biswas, L.M.S., L.R.C.P., D.P.H., D.T.M. & H., Lecturer in Hygiene.  
 Dr. M. U. Ahmed, M.B., D.T.M., Associate Lecturer.  
 Dr. D. C. Sinha, L.M.F., Assistant Demonstrator.

**Pathology and Bacteriology—**

Dr. S. K. Basu, M.B., Ch.B. (Edin.), Professor of Pathology.  
 Dr. S. K. Dutta, M.B., Demonstrator.  
 Dr. S. N. Mitra, M.B., Demonstrator (on leave).  
 Dr. M. N. Sarkar, M.B., Demonstrator (on leave).

**Radiology—**

Capt. R. Bhattacharjee, M.B., I.M.S. (Retd.), Lecturer of Radiology.

**Venereal Diseases—**

Dr. B. N. Banerjee.

**Materia Medica—**

Dr. D. N. Bose, L.R.C.P., M.R.C.S. (Lond.), Professor-in-charge.  
 Dr. S. K. Bose, M.B., Associate Professor.  
 Dr. S. C. Lahiri, M.D. (Cal.), Demonstrator.  
 Dr. J. N. Roy Chowdhury, L.M.F., Assistant Demonstrator.

**Anatomy—**

Dr. S. K. Chatterjee, M.B., Professor-in-charge.  
 Dr. R. N. Ghosh, M.B., F.R.C.S. (Edin.), Assistant Professor.  
 Dr. A. C. Majumdar, M.B., Demonstrator.  
 Dr. Q. M. Mussa, M.B., ch.B. (Edin.), Demonstrator.  
 Dr. K. L. Mukherjee, M.B., Demonstrator (on leave).  
 Dr. B. N. Bose, L.M.F., Demonstrator (officiating).  
 Dr. S. N. Banerjee, M.B., temporary Demonstrator.  
 Dr. B. B. Sahoo, M.B., temporary Demonstrator.

**Physiology—**

Dr. B. C. Ghosh, M.A., M.B., B.C. (Cantab.), Professor-in-charge.  
 Dr. B. C. Bhattacharjee, B.A., M.B., Demonstrator.  
 Dr. S. S. Sarkar, L.M.F., Demonstrator (officiating).  
 Dr. B. Gupta, B.Sc., L.M.F., Assistant Demonstrator (temporary).

**Physics and Chemistry—**

Dr. P. K. Sinha, B.Sc., M.B., Lecturer of Physics.  
 Dr. B. D. Mukherjee, B.Sc., M.B., F.C.S. (Lond.), Lecturer of Chemistry.  
 Dr. S. Saha, Assistant Demonstrator.

**Ophthalmology—**

Dr. S. K. Ganguli, M.B., Professor-in-charge.

In addition to the abovenamed teachers Dr. J. K. Dutta, M.B., F.R.C.S. (Edin.) in diseases of ear, nose and throat participated in clinical teaching in that subject.

Dr. S. C. Sen Gupta, M.D., F.R.C.S. (Edin.), and Dr. S. N. Chatterjee, M.B. (part of the year) worked as Superintendents of the Chittaranjan Hospital and Dr. B. C. Ghosh, M.A., M.B., B.C. (Cantab.) worked as Superintendent of the national infirmary (a home and hospital for the diseased destitutes).

**Free studentship.**—Altogether 12 students were given free studentship throughout the year.

**Library.**—Books worth Rs. 858 were purchased during the year including Journals.

**General Notes.**—As a result of better accommodation and equipments the teaching is now going on quite satisfactorily, and there is nothing more to add in this direction.

I beg to acknowledge herewith loyal co-operation of the staff of the Institute.

S. C. SEN GUPTA,  
*Honorary Secretary.*

**Particulars as required by the Director-General under Annexure I.**

**1. Staff of the National Medical Institute.**

**Dr. Sundari Mohan Das, M.B., Principal (whole time).**  
**Physics and Chemistry Department—**

- Dr. P. K. Sinha, B.Sc., M.B., Lecturer (part-time).
- Dr. B. D. Mukherjee, B.Sc., M.B., F.C.S. (Lond.), Professor-in-charge (Honorary).
- Dr. S. K. Bose, M.B., Associate Professor (Honorary).
- Dr. S. C. Lahiri, M.D. (Cal.), Demonstrator (part-time).
- Dr. J. N. Roy Chowdhury, L.M.F., Assistant Demonstrator (part-time).

**Physiology Department—**

- Dr. B. C. Ghosh, M.A., M.B., B.C. (Cantab.), Professor-in-charge (Honorary).
- Dr. B. C. Bhattacharya, B.A., M.B., Demonstrator (part-time).
- Dr. S. S. Sarkar, L.M.A., Demonstrator (part-time).
- Dr. B. Gupta, B.Sc., L.M.F., Assistant Demonstrator (temporary) (part-time).

**Anatomy Department—**

- Dr. S. K. Chatterjee, B.Sc., M.B., Professor-in-charge (Honorary).
- Dr. R. N. Ghosh, M.B., F.R.C.S. (Edin.), Associate Professor (Honorary).
- Dr. A. C. Majumdar, M.B., Demonstrator (part-time).
- Dr. Q. M. Mussa, M.B., ch.B. (Edin.), Demonstrator (part-time).
- Dr. K. L. Mukherjee, M.B., Demonstrator (on leave) (part-time).
- Dr. B. N. Bose, L.M.F., Officiating Demonstrator (part-time).
- Dr. S. N. Banerjee, M.B., Temporary Demonstrator (part-time).
- Dr. B. B. Sahoo, M.B., Temporary Demonstrator.

**Medicine Department—**

- Dr. S. C. Sen Gupta, M.D., F.R.C.S. (Edin.), Capt. I.M.S. (Retd.), Professor-in-charge (Honorary).
- Dr. D. R. Dhar, M.B., M.R.C.P. (Lond.), D.T.M. (Cal.), Associate Professor (Honorary).
- Dr. A. K. Sen, M.B., Tutor (part-time).
- Dr. N. Mallick, L.M.F., Assistant Clinical Tutor (part-time).

**Surgery Department—**

- Dr. K. S. Roy, M.A., B.Sc., M.B., ch.B. (Edin.), Professor-in-charge (Honorary).
- Dr. S. N. Chatterjee, M.B., Associate Professor (Honorary).
- Dr. P. C. Sanyal, M.B., F.R.C.S. (Lond.), Associate Professor (Honorary).
- Dr. A. K. Sen, M.B., F.R.C.S. (Lond.), Associate Professor (Honorary).
- Dr. J. N. Majumdar, M.Sc., M.B., F.R.C.S. (Edin.), Tutor (part-time).
- Dr. M. L. Mukherjee, L.M.F., Assistant Clinical Tutor (part-time).

**Midwifery Department—**

- Dr. S. M. Das, M.B., Professor-in-charge (Honorary).
- Dr. H. N. Roy, M.B., M.C.O.G. (Lond.), Associate Professor (Honorary).
- Dr. A. K. Acharya, M.B., D.C.O.G. (Lond.), D.G.O., L.M. (Dub.), M.R.C.S., L.R.U.F. (Lond.), Clinical Tutor (part-time).
- Dr. A. Paul, L.M.F., L.M. (Dub.), Assistant Clinical Tutor (part-time).

**Medical Jurisprudence and Hygiene Department—**

- Capt. S. K. Bose, M.B., I.M.S. (Retd.), Professor-in-charge of Jurisprudence (Honorary).  
 Dr. L. M. Biswas, L.M.S. (Cal.), L.R.C.S. (Edin.), D.T.M. & H. (Cantab.), D.P.H. (Lond.), Professor-in-charge of Hygiene (Honorary).  
 Dr. M. U. Ahmed, D.P.H., D.T.M. (Lond.), etc., Assistant Professor of Hygiene (Honorary).  
 Dr. D. C. Sinha, L.M.F., Assistant Demonstrator (part-time).

**Pathology and Bacteriology Department—**

- Dr. S. K. Basu, M.B., Ch.B. (Edin.), Professor-in-charge (Honorary).  
 Dr. S. K. Dutta, M.B., Demonstrator (part-time).  
 Dr. S. N. Mitra, M.B., Demonstrator (on leave) (part-time).  
 Dr. M. N. Sarkar, M.B., Demonstrator (part-time).

**Ophthalmology Department—**

- Dr. S. K. Ganguli, M.B., Lecturer (Honorary).

**Radiology—**

- Capt. R. Bhattacharya, M.B., Professor-in-charge (Honorary).

**Chittaranjan Hospital Staff—**

- Sir U. N. Brahmachari, KT., M.A., M.D., Ph.D., C.L., Physician-in-charge, Kala Azar Ward.  
 Dr. S. C. Sen Gupta, M.D., F.R.C.S. (Edin.), Capt., I.M.S. (Retd.), Physician, Medical Ward.  
 Dr. D. R. Dhar, M.B., M.R.C.P. (Lond.), D.T.M., (Cal.), Physician, Medical Ward.

**Honorary Physicians—**

- Dr. S. C. Lahiri, M.D. (Cal.), Cholera Ward.  
 Dr. N. K. Brahmachari, M.B. (Cal.), Cholera Ward.  
 Dr. H. N. Ghosh, M.B. (Cal.), etc., Cholera Ward.

**Honorary Surgeons—**

- Dr. K. S. Ray, M.A., B.Sc., M.B., Ch.B. (Edin.), Surgical Ward.  
 Dr. Lt.-Col. K. K. Chatterjee, I.T.E., F.R.C.S.I., Surgical Ward.  
 Dr. S. M. Chatterjee, M.B., Surgical Ward.

**Honorary Associate Surgeons—**

- Dr. P. C. Sannyal, M.B., F.R.C.S. (Lond.), Surgical Ward.  
 Dr. A. K. Sen, M.B., F.R.C.S. (Lond.), Surgical Ward.

**Honorary Ophthalmic Surgeons—**

- Dr. S. K. Ganguli, M.B., (Cal.), Ophthalmic Ward.

**Honorary Gynaecologist and Obstetricists—**

- Dr. S. M. Das, M.B., Obstetrical Ward.  
 Dr. H. N. Roy, M.B., M.R.C.O.G. (Lond.), Gynaecological Ward.

**Honorary Surgeon, Ear, Nose and Throat—**

- Dr. J. K. Dutta, M.B., F.R.C.S., M.R.C.P. (Edin.), L.R.C.P. (Eng.), Surgeon, Ear, Nose and Throat.

**Honorary Clinical Pathologist—**

- Dr. S. K. Basu, M.B., Ch.B. (Edin.).

**Clinical Pathologist—**

- Dr. S. N. Roy, M.B.

**Honorary Anaesthetist—**

Dr. J. C. Banerjee, M.B. (Cal.).

**Honorary Radiologists—**

Dr. Capt. R. Bhattacharya, B.Sc., M.B.

Dr. D. N. Banerjee, M.B. (Cal.), M.D. (Berlin).

**Assistant to Radiologist—**

Dr. R. C. Dutta, L.M.F.

**Outdoor Officers.****Medical—**

Dr. S. C. Chatterjee, M.B., L.R.C.P., M.R.C.S. (Lond.), (part-time).

**Surgical—**

Dr. P. C. Dutt, L.R.C.P. & S. (Edin.), L.M. (Dub.), (part-time).

Dr. B. Mukherjee.

**Female Medical and Gynaecological—**

Dr. K. P. Bhadury, M.B. (Cal.) (part-time).

**V. D. Outdoor—**

Dr. B. N. Banerjee (part-time).

**Ear, Nose and Throat—**

Dr. J. K. Dutta, M.B., F.R.C.S. (Edin.), L.R.C.P. (Eng.), (part-time).

**Superintendents—**

Dr. S. C. Sen Gupta, M.D., F.R.C.S. (Edin.), (part-time).

Dr. S. N. Chatterjee (part of the year).

**Resident Medical Officer—**

Dr. R. C. Ganguli, M.B.

**Registrar—**

Dr. M. N. Dutt, L.M.F.

**Emergency Officers—**

Dr. A. P. Ghosh, L.M.F.

Dr. A. B. Majumdar, L.M.F.

**House Surgeons and House Physicians.***Senior.*

Dr. A. K. Ghosh, L.M.F.

Dr. K. P. Sen Gupta, L.M.F.

Dr. A. C. Barua.

Dr. S. K. Das Gupta, L.M.F.

Dr. N. B. Mondol, L.M.F.

Dr. S. C. Ghose, L.M.F.

Dr. S. M. Roy, L.M.F.

Dr. Joginder Singh, L.M.F.

Dr. K. N. Chakraborty, L.M.F.

Dr. N. K. Saha, L.M.F.

Dr. P. C. Das Gupta, L.M.F.



*Junior.*

Dr. M. N. Saha, L.M.F.  
 Dr. M. K. Das, L.M.F.  
 Dr. S. Choudhury, L.M.F.  
 Dr. J. Guha, L.M.F.  
 Dr. H. Pal, L.M.F.  
 Dr. R. N. Ray, L.M.F.  
 Dr. A. P. Ghosh, L.M.F.  
 Dr. A. K. Choudhury, L.M.F.  
 Dr. P. C. Sen, L.M.F.  
 Dr. D. C. Chakraborty, L.M.F.  
 Dr. R. Banerjee, L.M.F.  
 Dr. K. P. Mukherjee, L.M.F.  
 Dr. J. C. Mayai, L.M.F.  
 Dr. Saligram, L.M.F.  
 Dr. Jagadish Chandra Chakraborty, L.M.F.  
 Dr. B. K. Chakraborty, L.M.F.

*Senior.*

Dr. A. P. Ghosh, L.M.F.  
 Dr. D. C. Chakraborty, L.M.F.  
 Dr. P. C. Sen, L.M.F.  
 Dr. R. Banerjee, L.M.F.  
 Dr. N. N. Saha, L.M.F.  
 Dr. S. Choudhury, L.M.F.  
 Dr. J. Guha, L.M.F.  
 Dr. Joginder Singh, L.M.F.  
 Dr. P. C. Das Gupta, L.M.F.  
 Dr. K. N. Chakraborty, L.M.F.

They were all whole-time workers.

*(4) Students.*

1. Males and females.
2. Generally 100.
3. Above 15 years.
4. At least the candidate must have passed the Matriculation Examination or its equivalent.

*Examination.*

1. Vide Appendix "A".
2. Vide Appendix "A".
3. Vide Appendix "A".
4. Cent. per cent. (Compulsory).

*Financial.*

1. Rs. 369 per student per annum.
2. (a) Nil.  
      (b) Nil.  
      (c) Nil.

*Equipments.*

1. (a) Chittaranjan Hospital—167 beds, average daily.  
      (b) National Infirmary—75 beds, average daily.  
      (c) Voluntary Venereal Hospital—80 beds.
2. 324.3.
3. Physiology—18.  
      Pathology—19.

S. C. SEN GUPTA,  
*Honorary Secretary, Jatiya  
 Ayurbijnan Vidyalaya.*

TABLE A.

Statement showing the attendance of students of the National Medical Institute, Calcutta, during the year 1941-42 and the previous year.

Session.	Left, died etc., during the year.										Total.	Remained at the end of the year.	Average monthly number of pupils.	Average daily attendance.			
	1	2	3	4	5	6	7	8	9	10					11	12	13
	Remained on the rolls from previous year.	Admitted during the year.	Re-admitted during the year.	Admitted on transfer from other medical school.	Total.	Left after having passed the Final L. M. F. Examination.	Removed for absence without leave.	Removed for non-payment of school fees.	Removed for failure at the school Test Examination.	Restitution for misconduct.	Transfer to other medical school.	Resigned or left otherwise.	Died.	Total.	Remained at the end of the year.	Average monthly number of pupils.	Average daily attendance.
1940-41.																	
Male	288	79	9	2	378	65	..	28	4	..	..	6	..	102	276	289.00	283.00
Female	1	1	..	..	2	1	..	..	..	..	..	..	..	1	1	..	..
1941-42.																	
Male	276	88	5	4	373	44	..	80	..	..	..	7	..	131	242	271.00	279.00
Female	1	3	..	..	4	..	..	2	..	..	..	..	..	2	2	100.00	100.00

TABLE B.

Classification of students according to religion and nationality taught in and passed out of the National Medical Institution, Calcutta, during the year 1941-42.

Classification.	Total number of students taught, etc.		Number passed out during the year in the Final Examination as L. M. F.	
	Male.	Female.	Male.	Female.
1	2	3	4	5
<i>Religion.</i>				
1. Anglo Indian ..	..	..	..	..
2. Indian Christian ..	4	..	..	..
3. Hindus—				
(a) Brahmin ..	41	..	5	..
(b) Non-Brahmin ..	182	2	37	..
4. Muhammadan ..	15	..	2	..
5. Buddhist ..	..	..	..	..
Total ..	242	2	44	..
<i>Nationality.</i>				
1. Anglo-Indian ..	..	..	..	..
2. Bengalee ..	147	2	27	..
3. Madras ..	18	..	4	..
4. Punjabi ..	43	..	7	..
5. Rajput ..	9	..	2	..
6. Behari ..	22	..	4	..
7. Assamese ..	3	..	..	..
	242	2	44	..

TABLE C.

**Matriculation according to preliminary general qualification of students admitted during the year 1941-42 and the previous year in the National Medical Institution, Calcutta.**

Classification.	Hindu.		Muhammadan.		Christian.		Others.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
<b>B.A. or B.Sc.—</b>								
1940-41 ..	1	..	..	..	..	..	..	..
1941-42 ..	..	..	..	..	..	..	..	..
<b>I.A. or I. Sc.—</b>								
1940-41 ..	5	..	..	..	..	..	4	..
1941-42 ..	13	..	..	..	..	..	..	..
<b>Matriculation—</b>								
1940-41 ..	31	1	3	..	..	..	25	..
1941-42 ..	50	3	1	..	..	..	22	..
<b>Others—</b>								
1940-41 ..	3	..	..	..	1	..	6	..
1941-42 ..	1	..	..	..	..	..	3	..

**TABLE D.**

**Statement showing the results of the examinations of the State Medical Faculty of Bengal during the year 1941-42 and the previous year.**

Session.	Final Licentiate Examination.						Intermediate Licentiate Examination.						Primary Licentiate Examination.					
	Number appeared.		Number passed.		Percentage of passed.		Number appeared.		Number passed.		Percentage of passed.		Number appeared.		Number passed.		Percentage of passed.	
	Regular April examination, 1942.	October or re-examination, 1941.	Regular April examination, 1942.	October or re-examination, 1941.	Regular April examination, 1942.	October or re-examination, 1941.	Regular April examination, 1942.	October or re-examination, 1941.	Regular April examination, 1942.	October or re-examination, 1941.	Regular April examination, 1942.	October or re-examination, 1941.	Regular April examination, 1942.	October or re-examination, 1941.	Regular April examination, 1942.	October or re-examination, 1941.	Regular April examination, 1942.	October or re-examination, 1941.
1940-41.	62	76	25	40	40.3	53.9	93	63	27	24	27.9	40	56	20	44	17	78.5	..
Male ..	..	..	..	1	..	100	1	..	..	..	..	..	..	..	..	..	85	..
Female ..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1941-42.	54	51	17	27	31.4	52.9	79	78	25	36	31.6	46.1	54	10	37	7	68.8	70
Male ..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	2	..	100	..
Female ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

TABLE E.

Statement showing the Income and Expenditure of the National Medical Institute, Calcutta, during the year 1941-42 and the previous year.

Heads of receipts.	Income.				Heads of expenditure.	Expenditure.			
	1940-41. Rs.	1941-42. Rs.	Increase. Rs.	Decrease. Rs.		1940-41. Rs.	1941-42. Rs.	Increase. Rs.	Decrease. Rs.
Opening Balances ..	88,094	50,692	..	38,402	<i>School Account.</i>				
<i>School accounts.</i>					Revenue expenses—				
Donations and subscriptions ..	1,725	1,740	15	..	Establishment charges ..	32,113	31,338	..	(e) 775
Students Union account ..	1,362	1,464	(a) 102	..	Examination charges ..	367	225	..	(f) 142
School fees ..	59,167	56,167	..	(d) 3,000	Printing and stationery charges	353	288	..	65
Miscellaneous receipts ..	577	997	(b) 420	..	Rent and taxes ..	5,554	4,476	..	(g) 1,078
Interest account ..	1,307	831	..	(e) 476	Repairs and fittings ..	207	198	..	9
Stipend and scholarship ..	41	85	44	..	Students Union account ..	1,926	1,154	..	(h) 172
Caution deposit refundable ..	1,155	1,155	..	..	Audit charges ..	350	350	..	..
Advance recovered ..	..	12,000	(e) 12,000	..	Electric charges ..	617	611	..	6
	65,334	74,439	12,581	3,476	Telephone charges ..	249	253	4	..
					Gas charges ..	178	195	17	..
					Stipend and scholarship	110	85	..	25
					Miscellaneous Charges	2,328	2,457	(a) 129	..
						48,752	41,630	150	2,272



**Examiners for the year 1941-42.***Licentiate Examination (November, 1941).***Physics and Chemistry—**

- Dr. Baladeb Mukherjee, B.Sc., M.B., National Medical Institute, Calcutta (Convenor).  
 Mr. Syed Ashraf Ali, M.Sc., Veterinary College, Calcutta.  
 Mr. B. N. Sen, M.Sc., Teacher, Burdwan Medical School.  
 Mr. Haridas Ganguly, M.Sc., Medical College, Calcutta.

**Anatomy—**

- Dr. Lalitkumar Ghosh, M.B., Campbell Medical School, Calcutta (Convenor).  
 Dr. Bhupendranath Basu, M.B., Carmichael Medical College, Calcutta.  
 Dr. Q. M. Musa, M.B., Ch.B., National Medical Institute, Calcutta.  
 Dr. M. Pan, F.R.C.S., Calcutta Medical School.  
 Dr. Pasupati Basu, Teacher, Dacca Medical School.  
 Dr. Umeschandra Chakrabarti, M.B., Medical College, Calcutta.

**Physiology—**

- Dr. Makhanlal Chakrabarti, M.Sc., M.B., Medical College, Calcutta (Convenor).  
 Dr. Bhupendranath De, M.B., Calcutta Medical College.  
 Dr. K. C. Chakrabarti, L.M.F., Calcutta Medical School.  
 Dr. Bagala Bhattacharyya, M.B., National Medical Institute, Calcutta.  
 Dr. Ayub Ali, M.B., Calcutta Medical College.  
 Dr. Abdul Hafez Talukdar, Teacher, Jalpaiguri Medical School.

**Materia Medica—**

- Capt. S. K. Sen, M.B., Calcutta Medical School (Convenor).  
 Dr. Nawab Ali, M.B., D.T.M., Teacher, Jalpaiguri Medical School.  
 Dr. B. Mukherjee, M.B., M.D., D.Sc., Institute of Hygiene, Calcutta.  
 Dr. N. Konar, M.B., Medical College, Calcutta.  
 Dr. D. N. Basu, M.R.C.S., L.R.C.P., National Medical Institute, Calcutta.  
 Teacher of Materia Medica, Mymensingh Medical School.

**Medicine—**

- Khan Sahib Dr. Kabir Hossain, M.B., D.T.M., Campbell Medical School (Convenor).  
 Dr. Sailendranath Sen, M.B., M.R.C.P., Medical College, Calcutta.  
 Dr. P. Brahmachari, M.Sc., M.D., Campbell Medical School, Calcutta.  
 Dr. Rabindranath Chaudhuri, M.B., M.R.C.P., School of Tropical Medicine.  
 Dr. Ali Ahmed, M.B., Chittagong Medical School.  
 Dr. A. K. Bose, M.R.C.P., Calcutta Medical College.

**Surgery—**

- Dr. Tinkari Acharyya, M.B., Campbell Medical School (Convenor).  
 Dr. K. L. Sen, M.B., F.R.C.S.E., D.O.M.S., Calcutta Medical College.  
 Dr. Saurin Ghosh, M.B.B.S., L.R.C.P., F.R.C.S., Medical College, Calcutta.  
 Dr. P. Ray, M.B., F.R.F.P. & S., Sambhunath Pandit Hospital, Calcutta.  
 Dr. P. Sanyal, M.B., F.R.C.S., National Medical Institute, Calcutta.  
 Dr. M. D. Khabir, M.B., Campbell Medical School, Calcutta.



*Midwifery—*

- Dr. H. N. Ray, M.B., M.C.O.G., National Medical Institute, Calcutta (Convenor).  
 Dr. P. C. Das, M.B., M.O., Carmichael Medical College, Calcutta.  
 Dr. Rangati Banerjee, M.B., Bankura Sammilani Medical School.  
 Dr. Sudhichandra Basu, M.B., F.R.C.S., M.C.O.G., Campbell Medical School.  
 Dr. Ranjit Sinha, Campbell Medical School.  
 Dr. Habibuddin Ahmed, M.B., M.C.O.G., Calcutta Medical College.

*Medical Jurisprudence and Hygiene—*

- Dr. Balaichand Chatterjee, M.B., D.P.H., D.T.M., Campbell Medical School (Convenor).  
 Dr. M. U. Ahmed, M.R.C.P., D.T.M., D.P.H., National Medical Institute.  
 Dr. Muhammad Hossain, M.B., Medical College, Calcutta.  
 Capt. Lal Gopal Banerjee, M.B., Police Surgeon, Calcutta.

## CALCUTTA CENTRE.

*Primary (May, 1942).**Physics and Chemistry—*

- Prof. Sureschandra Mukherjee, M.Sc., Calcutta Medical College (Convenor).  
 Prof. M. Sinha, M.Sc., Calcutta Medical School.  
 Mr. Haridas Ganguli, M.Sc., Calcutta Medical College.  
 Mr. Gopal Bhattacharyya, M.Sc., Carmichael Medical College.

*Intermediate (May, 1942).**Anatomy—*

- Dr. Lalitkumar Ghosh, M.B., Campbell Medical School (Convenor).  
 Dr. Matilal Pan, M.B., F.R.C.S., Calcutta Medical School.  
 Dr. Amiya Mukherjee, M.B., Carmichael Medical College.  
 The Teacher of Anatomy, National Medical Institute.

*Physiology—*

- Dr. Makhanlal Chakrabarti, M.Sc., M.B., Calcutta Medical College (Convenor).  
 Dr. Bagala Bhattacharyya, M.B., National Medical Institute.  
 Dr. Krishnachandra Chakrabarti, Calcutta Medical School.  
 Dr. Banbihari Chatterjee, Science College, Calcutta.

*Materia Medica—*

- Dr. Subodh Lahiri, National Medical Institute, Calcutta (Convenor).  
 Dr. Sachindranath Ray, Calcutta Medical College.  
 The Teacher of Materia Medica, Campbell Medical School.  
 Rai Sahib Dr. Sekhar Chatterjee, M.Sc., M.B., Calcutta Medical School.

*Final (May, 1942).**Medicine—*

- Dr. Santiram Chatterjee, L.M.S., Calcutta Medical School (Convenor).  
 Dr. Gananath Ray, M.B., Calcutta Medical School.  
 Dr. Rabindranath Chaudhuri, M.B., M.R.C.P., School of Tropical Medicine.

**Medicine—**

Dr. Susil Chatterjee, M.R.C.P., National Medical Institute, Calcutta.

**Surgery—**

The Teacher of Surgery, Campbell Medical School, Calcutta (Convenor).

Dr. P. Sanyal, F.R.C.S., National Medical Institute, Calcutta.

Dr. Md. Khabir, M.B., Campbell Medical School.

Dr. Amar Mukherjee, F.R.C.S., Carmichael Medical College, Calcutta.

**Midwifery—**

Dr. H. N. Ray, M.B., M.C.O.G., National Medical Institute, Calcutta (Convenor).

Dr. Prabodhchandra Das, M.B., M.O., Carmichael Medical College, Calcutta.

The Teacher of Midwifery, Campbell Medical School, Calcutta.

Dr. Sudhansu Gupta, M.B., Calcutta Medical School.

**Medical Jurisprudence—**

Khan Sahib Dr. Kabir Hossain, M.B., D.T.M., Professor of Medical Jurisprudence, Medical College, Calcutta (Convenor).

Captain Lalgopal Banerjee, M.B., Police Surgeon, Calcutta.

**Hygiene—**

Dr. Balai Chatterjee, M.B., D.P.H., Campbell Medical School, Calcutta.

Dr. Bimal Datta, L.M.F., Calcutta Medical School.

**BURDWAN CENTRE.***Licentiate Examination (May, 1942).***Physics and Chemistry—**

The Teacher of Chemistry, Medical School, Burdwan.

Prof. Anath Halder, Bankura Sammilani Medical School.

**Anatomy—**

Dr. Phanindranath De, M.B., Medical School, Bankura.

The Teacher of Anatomy, Medical School, Burdwan.

**Physiology—**

The Teacher of Physiology, Medical School, Burdwan.

The Teacher of Physiology, Medical School, Bankura.

**Materia Medica—**

The Teacher of Materia Medica, Medical School, Burdwan.

The Teacher of Materia Medica, Medical School, Bankura.

**Medicine—**

The Teacher of Medicine, Medical School, Burdwan.

The Teacher of Medicine, Medical School, Bankura.

**Surgery—**

Dr. K. C. Mukherjee, M.B., Calcutta Medical School, Calcutta.

The Teacher of Surgery, Medical School, Burdwan.

**Midwifery—**

The Teacher of Midwifery, Medical School, Burdwan.

The Teacher of Midwifery, Medical School, Bankura.

**Medical Jurisprudence—**

The Teacher of Medical Jurisprudence, Medical School, Burdwan.

Captain S. K. Bose, M.B., National Medical Institute, Calcutta.

**Hygiene—**

The Teacher of Hygiene, Medical School, Burdwan.

The Teacher of Hygiene, Medical School, Bankura.

**JALPAIGURI CENTRE.***Licentiate Ship Examinations (May, 1942).***Physics and Chemistry—**

The Teacher of Physics and Chemistry, Jalpaiguri Medical School.

Dr. Baladeb Mukherjee, B.Sc., M.B., National Medical Institute, Calcutta.

**Anatomy—**

The Teacher of Anatomy, Medical School, Jalpaiguri.

Dr. Kalipada Mukherjee, Medical College, Calcutta.

**Physiology—**

The Teacher of Physiology, Medical School, Jalpaiguri.

Dr. Bhupendranath De, M.B., Medical College, Calcutta.

**Materia Medica—**

The Teacher of Materia Medica, Medical School, Jalpaiguri.

Dr. Pabitrakumar Sengupta, M.B., Medical College, Calcutta.

**Medicine—**

The Teacher of Medicine, Medical School, Jalpaiguri.

Dr. D. R. Dhar, M.B., M.R.C.P., National Medical Institute, Calcutta.

**Surgery—**

The Teacher of Surgery, Medical School, Jalpaiguri.

Dr. J. B. Ray, M.B., Calcutta Medical School.

**Midwifery—**

The Teacher of Midwifery, Medical School, Jalpaiguri.

Dr. Habibuddin Ahmed, Medical College, Calcutta.

**Medical Jurisprudence—**

The Teacher of Medical Jurisprudence, Medical School, Jalpaiguri.

Dr. Sachi Chatterjee, Ph.D., Medical College, Calcutta.

**Hygiene—**

The Teacher of Hygiene, Medical School, Jalpaiguri.

Dr. Abinaschandra Raychaudhury, L.M.S., Public Health Department, Writers' Buildings, Calcutta.

## DACCA CENTRE.

*Licentiate-ship Examinations (May, 1942).**Physics and Chemistry—*

The Teacher of Physics, Medical School, Dacca.

The Teacher of Chemistry, Medical School, Mymensingh.

*Anatomy—*

The Teacher of Anatomy, Medical School, Dacca.

The Teacher of Anatomy, Medical School, Mymensingh.

*Physiology—*

The Teacher of Physiology, Medical School, Dacca.

The Teacher of Physiology, Medical School, Mymensingh.

*Materia Medica—*

The Teacher of Materia Medica, Medical School, Dacca.

The Teacher of Materia Medica, Medical School, Mymensingh.

*Medicine—*

The Teacher of Medicine, Medical School, Dacca.

The Teacher of Medicine, Medical School, Mymensingh.

*Surgery—*

The Teacher of Surgery, Medical School, Dacca.

The Teacher of Surgery, Medical School, Mymensingh.

*Midwifery—*

The Teacher of Midwifery, Medical School, Dacca.

The Teacher of Midwifery, Medical School, Mymensingh.

*Medical Jurisprudence—*

The Teacher of Medical Jurisprudence, Medical School, Dacca.

The Teacher of Medical Jurisprudence, Medical School, Mymensingh.

*Hygiene—*

The Teacher of Hygiene, Medical School, Dacca.

The Teacher of Hygiene, Medical School, Mymensingh.

**Statement showing the full marks and minimum pass marks in each of the subjects for the various Licentiate-ship Examinations.**

Examinations.	Subjects.	Written paper.	Oral and Practical.	Total	Minimum pass marks in written papers.	Minimum pass marks in oral and Practical.	Minimum pass marks in total.
Primary	Physics ..	50	50	100	..	20	40
	Chemistry ..	50	50	100	..	20	40
Intermediate	Anatomy ..	200	300	500	80	120	200
	Physiology ..	200	300	500	80	120	200
	Materia Medica ..	200	300	500	80	120	200
	and Pharmacy.						
Final	Medicine ..	200	300	500	80	120	200
	Surgery ..	200	300	500	80	120	200
	Midwifery ..	200	300	500	80	120	200
	Medical Jurisprudence.	50	50	100	20	20	40
	Hygiene ..	50	50	100	20	20	40